



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

## NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION  
11805 SW 26 Street, Room 208  
T (786) 315-2590 F (786) 315-2599

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Peetz Windows and Doors, Inc.**  
15951 SW 41 Street, Suite 150  
Weston, FL 33331

### SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION:** Series "Impact" 10 FT. 9 $\frac{3}{4}$ -Inch Wood Outswing Bi-Fold Doors – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. 1680, titled "Series Wood Impact Out-Swing Bi-Fold Doors", sheets 01 through 19 of 19, dated 08/03/13 with the latest revision dated 10/21/13, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Section Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING:** Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, **Kall, North Rhine-Westphalia, Germany**, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J. Gascon*  
11/14/13

NOA No. 13-0717.09  
Expiration Date: November 21, 2018  
Approval Date: November 21, 2013  
Page 1

**Peetz Windows and Doors, Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1680**, titled "Series Wood Impact Out-Swing Bi-Fold Doors", sheets 01 through 19 of 19, dated 08/03/13 with the latest revision dated 10/21/13, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P. E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per AAMA 1304-02, FBC 2411.3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of an outswing wood bi-fold doors L.M.I., prepared by Architectural Testing, Inc., Test Report No. **ATI-B5205.01-450-18**, dated 06/20/13, signed and sealed by Vinu J. Abraham, P. E.

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, dated 06/06/13, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 10/21/13, signed and sealed by Warren W. Schaefer, P. E.
2. **Glazing complies with ASTM E1300-04**

**D. QUALITY ASSURANCE**

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **12-1231.08** issued to **Eastman Chemical Company (MA)** for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**" dated 03/28/13, expiring on 12/11/18.
2. Lloyd's Register EMEA Certification No. **04/ 00049 (E2)** issued to ETS Allin, France, for their "**Marine Plywood**, constructed of Sapelli Mahogany (Entandrophragma Cylindrical) bonded with modified Urea-Formaldehyde WBP", filed with the London Design Support Services, expiring on 05/26/2014, dated 04/23/2010 and signed by P. F. Moysey.



Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 13-0717.09  
Expiration Date: November 21, 2018  
Approval Date: November 21, 2013

**Peetz Windows and Doors, Inc.**

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**F. STATEMENTS**

1. Statement letter of independence and of no financial interest, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 06/06/13, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of conformance with **ANZI/ AAMA/ NWWDA 101/ I.S.2-97** and complying with **FBC-2010**, issued by W. W. Schaefer Engineering & Consulting, P.A., dated 06/05/13, signed and sealed by Warren W. Schaefer, P.E.
3. Laboratory addendum letter for Test Report No. **ATI-B5205.01-450-18**, issued by Architectural Testing, Inc., dated 11/06/13, signed and sealed by Vinu J. Abraham, P. E.
4. Laboratory compliance letter for Test Report No. **ATI-B5205.01-450-18**, issued by Architectural Testing, Inc., dated 06/20/13, signed and sealed by Vinu J. Abraham, P. E.
5. Department of State Certification of **PEETZ WINDOWS AND DOORS, INC.** as a for profit corporation, active and organized under the laws of the State of Florida, dated 10/01/03 and filed by the Secretary of State.
6. Distributor Agreement between Helmut Peetz GmbH, Kall-NRW, Germany and Peetz Windows and Doors, Inc., Florida, USA, dated 06/24/13, signed by Christian Peetz and by Eva Marie Leon, respectively.
7. Proposal No. **09-13882** issued by Product Control, dated 11/19/09, signed by Jaime D. Gascon, P. E.

**G. OTHERS**

1. None.



Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 13-0717.09

Expiration Date: November 21, 2018

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ALLOWABLE DESIGN PRESSURE  
+/-70 PSF

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	1"
MIN. 16 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
(2) MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2 1/2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2 1/2"
ANGLE CLIP INSTALLATION SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 3/8"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
NARROW INSTALLATION BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 3/8"	3/4"
MIN. 16 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
WIDE INSTALLATION BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 3/8"	3/4"
MIN. 16 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
(2) MIN. C-90 CMU	(1) 3/16" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	2"
ROLLER STILE END CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 18 SMS OR WOOD SCREW OR 5/16" LAG SCREW	1 1/2"	1"
MIN. 2500 PSI CONCRETE	(3) 5/16" CONCRETE SCREW	1 1/2"	2 1/2"
(1) CONCRETE 1/4" OR 3/16 SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.) (2) CMU IS APPLICABLE AT SIDES ONLY (NOT APPLICABLE AT HEAD OR SILL). (3) 5/16" CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.)			

GENERAL NOTES:

1. THESE DOOR SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF KD = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR CD = 1.6 WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

CORNER CONSTRUCTION:

STANDARD FRAME HEAD & SILL: VERTICAL MEMBERS ARE COPED, BUTTED SECURED AND SEALED TO THE HEAD MEMBER WITH SIKASIL SG-20 STRUCTURAL SEALANT.  
RADIUS SEGMENTED HEAD FRAME: HEAD MEMBER SEGMENTS ARE MITERED, BUTTED AND SECURED WITH FOUR(4) 3/8" 3 1/8" WOOD DOWELS PER HEAD SEGMENT. SEGMENTS ARE GLUED/SEALED WITH BINDAN D4 WOOD GLUE.  
90 DEG. HEAD TRACK MEMBER: TRACK MEMBER SEGMENTS ARE MITERED, BUTTED AND SECURED WITH TWO(2) NO. 14 X 3 15/16" WOOD SCREWS THAT RUN THROUGH THE TRACK INTO THE ADJOINING HEAD MEMBER. CORNERS ARE SECURED AND SEALED WITH SIKASIL SG-20 STRUCTURAL SEALANT.  
RADIUS SEGMENTED SILL MEMBER: SILL MEMBER SEGMENTS ARE MITERED AND BUTTED AND SECURED WITH TWO(2) 3/8" 3 1/8" WOOD DOWELS PER SEGMENT AND GLUED/SEALED WITH BINDAN D4 WOOD GLUE.  
RADIUS SEGMENTED TRACK MEMBER: TRACK MEMBER SEGMENTS ARE MITERED, BUTTED AND FULLY WELDED.  
90 DEG. SILL/SILL TRACK MEMBER: TRACK MEMBER SEGMENTS ARE MITERED, BUTTED AND SEALED WITH SIKASIL SG20. ADDITIONALLY A CORNER KEY IS USED (ITEM #42). THE CORNER KEY IS ATTACHED TO EACH SILL MEMBER WITH FOUR(4) m5 X 3/4" MACHINE SCREWS.  
MID-RAIL ENDS: MID-RAIL IS COPED, BUTTED, AND SECURED WITH TWO(2) 3/8" X 3 1/8" WOOD DOWELS PER END. ENDS ARE GLUED/SEALED WITH BINDAN D4 WOOD GLUE.

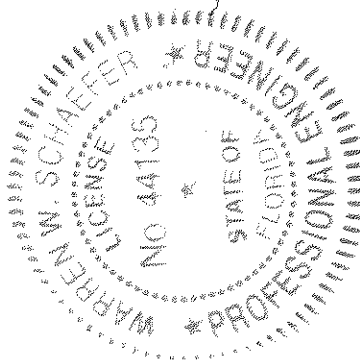
THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DETAILED ELEVATIONS SHOWN ON SHEETS 2 THROUGH 7 ARE ONLY THOSE NECESSARY TO SHOW ALL APPLICABLE DOOR SECTIONS & ANCHOR CONDITIONS. FOR ALL ELEVATION CONFIGURATIONS APPLICABLE TO THIS APPROVAL, SEE SHEETS 9 THROUGH 11.

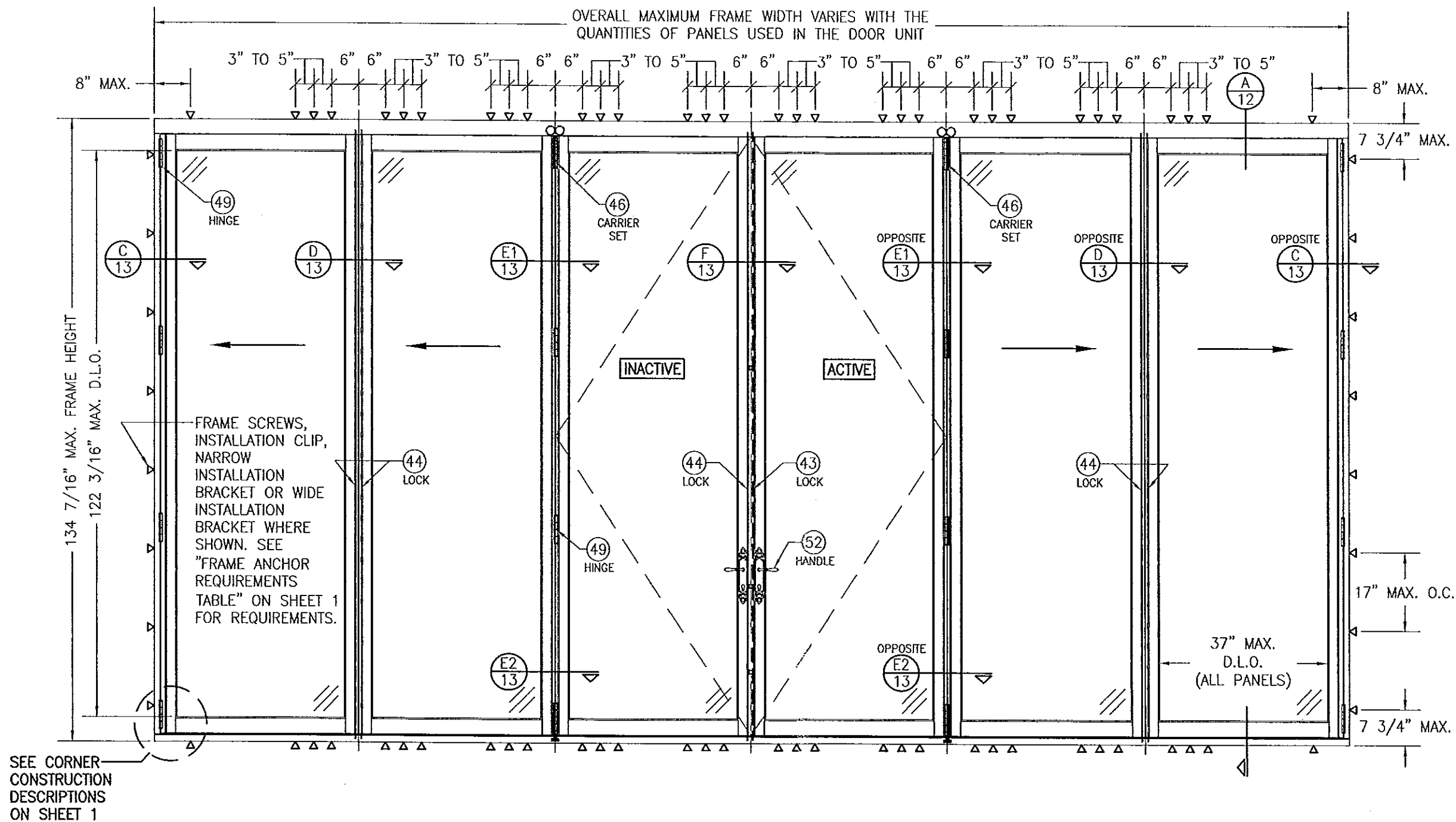
HINGE REQUIREMENTS

FRAME HEIGHT (IN.)	QUANTITY PER PANEL
OVER 93 15/16	4
93 15/16 AND LESS	3
EXTERIOR HINGES SHALL BE LOCATED APPROXIMATELY 3 7/8" FROM TOP & BOTTOM OF PANELS TO HINGE CENTERLINE. INTERIOR HINGES SHALL BE LOCATED APPROXIMATELY 8" FROM TOP & BOTTOM OF PANELS TO HINGE CENTERLINE.	

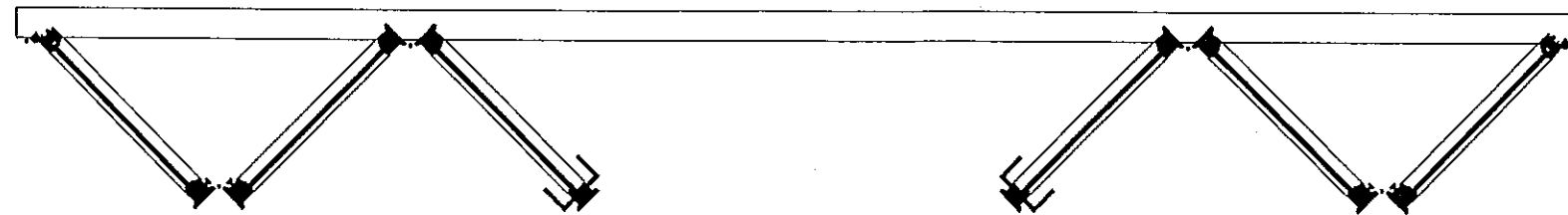
Approved as complying with the  
Florida Building Code  
Date: 12/21/2013  
NOAH  
Miami Code Product Control  
By: [Signature]



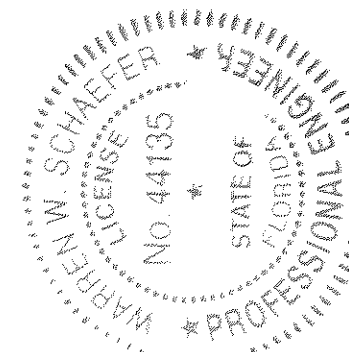
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PLOT: 1=24	DATE: 08/03/13
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE WOOD IMPACT OUT-SWING BI-FOLD DOORS	
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424
CERTIFICATION OCT 21 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1680 SHEET NO. 1 OF 19



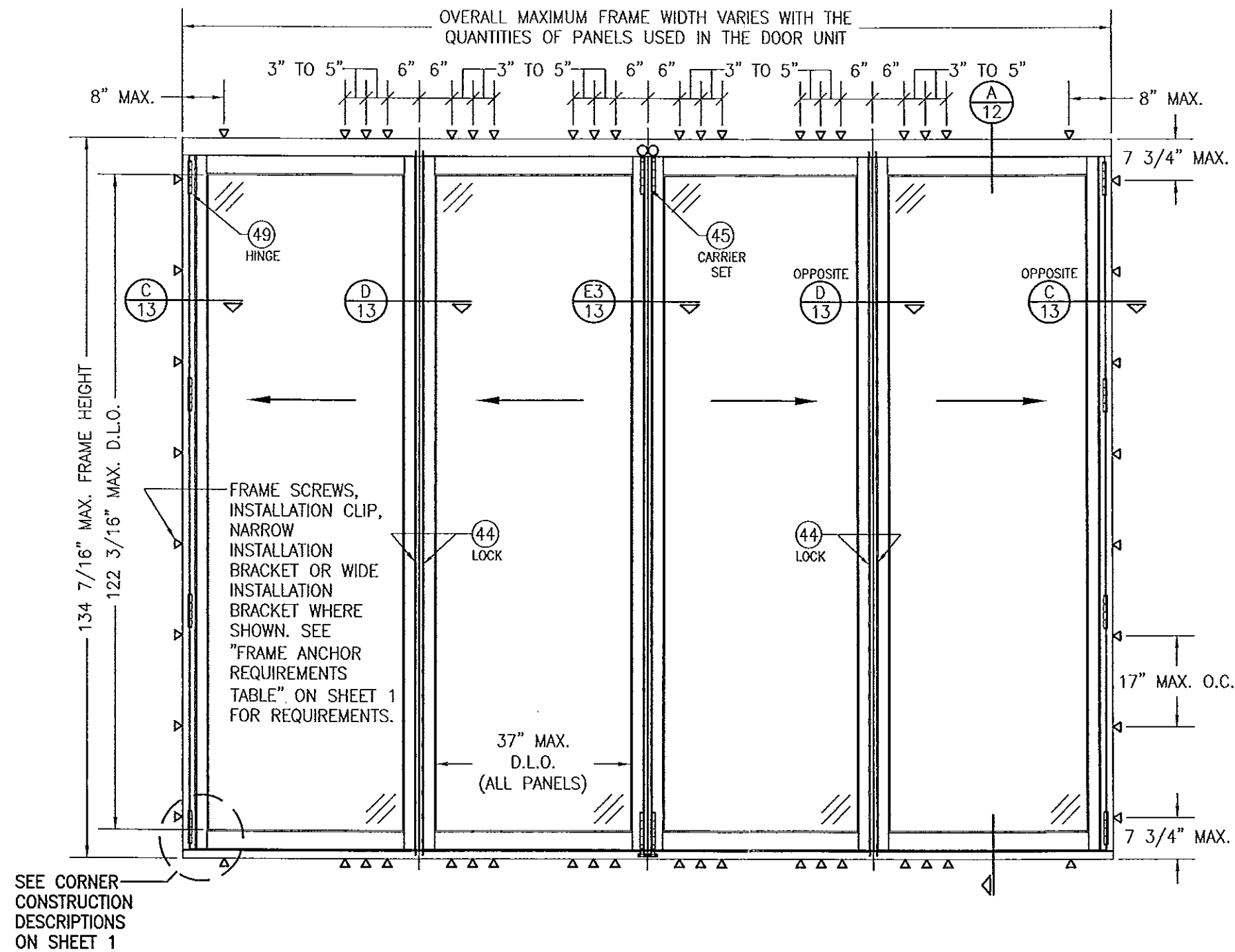
EXTERIOR ELEVATION:  
LEFT & RIGHT DIRECTION BI-FOLD DOOR WITH DOUBLE SWING PANELS  
SCALE: 1/2" = 1'-0"



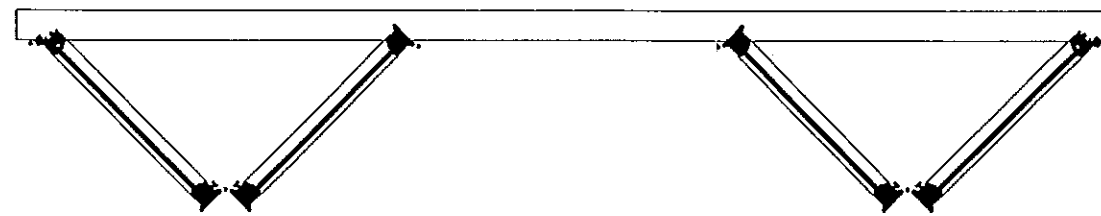
Approved as complying with the  
Florida Building Code  
Date 11/21/2013  
NOAH 13-0717.09  
Miami Code Product Control  
By [Signature]



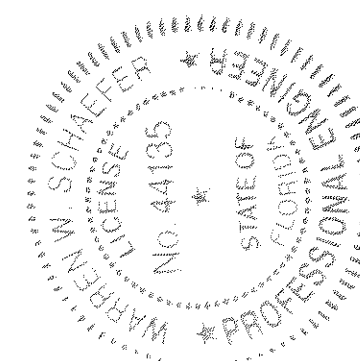
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PLOT: 1-24		DATE: 06/03/13	
DATE	BY	REVISION	DESCRIPTION
DRAWING TITLE WOOD IMPACT OUT-SWING BI-FOLD DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER PEITZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION OCT 21 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1680 SHEET NO. 2 OF 19	



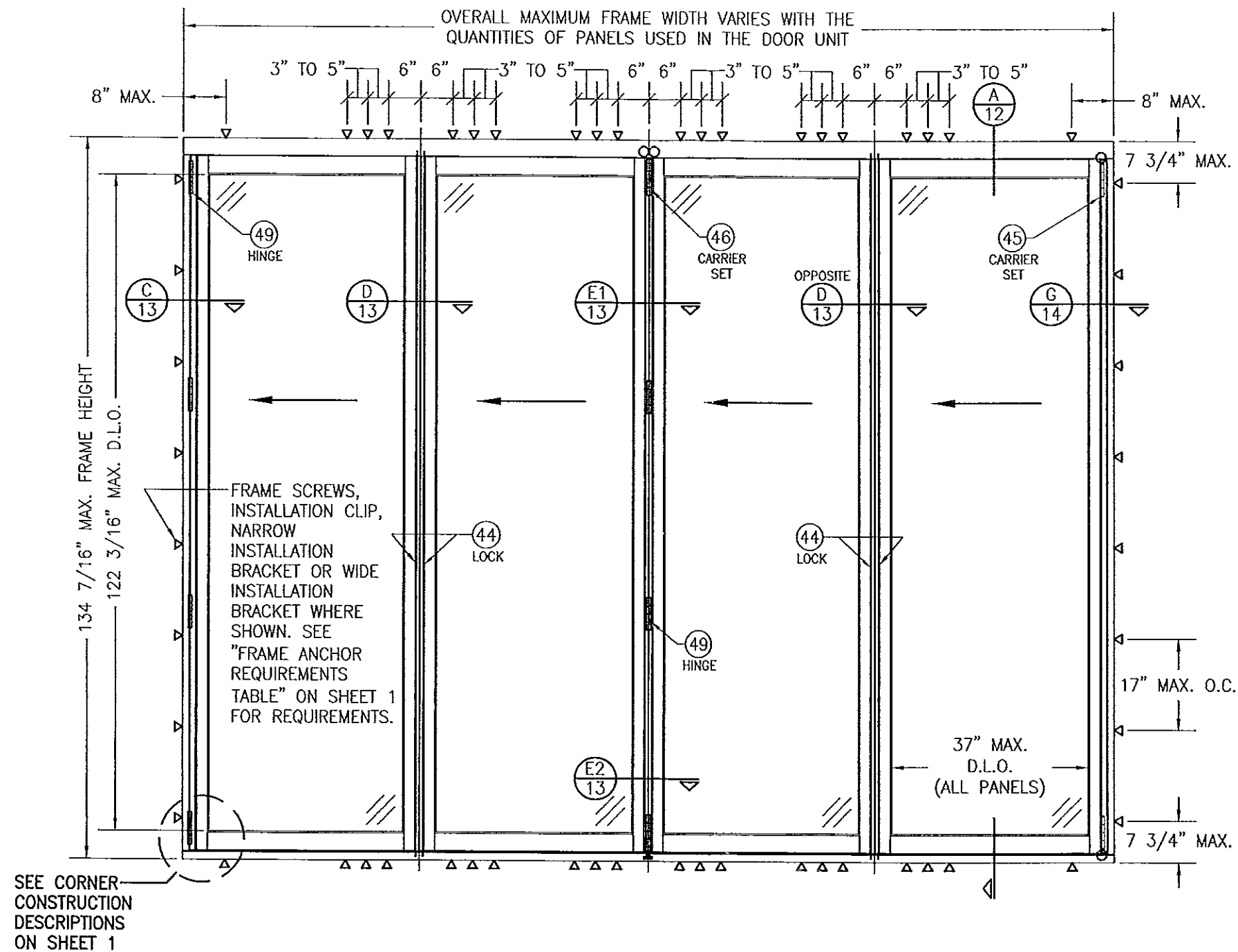
EXTERIOR ELEVATION:  
LEFT & RIGHT DIRECTION BI-FOLD DOOR  
SCALE: 1/2" = 1'-0"



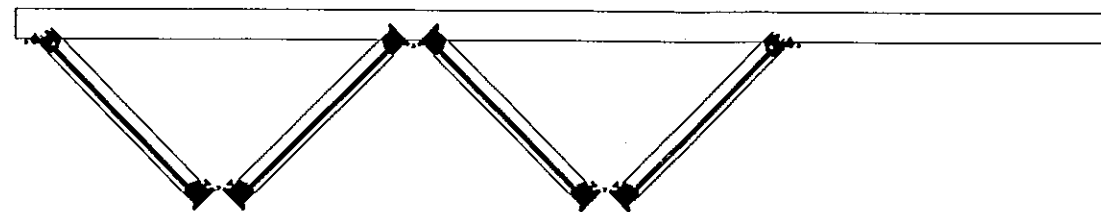
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By [Signature]



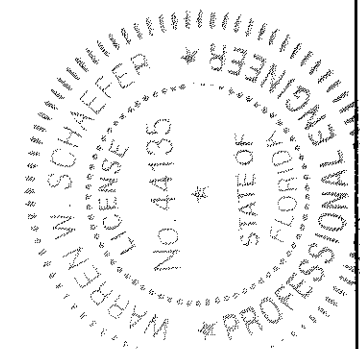
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PLOT: 1-24		DATE: 06/03/13	
NO.	REVISION	DESCRIPTION	DATE
<p>DRAWING TITLE: WOOD IMPACT OUT-SWING BI-FOLD DOORS</p> <p>CONSULTANTS: W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424</p> <p>MANUFACTURER: PEETZ WINDOWS &amp; DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887</p>			
CERTIFICATION		OCT 21 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1680		REV.	
SHEET NO. 3		OF 19	



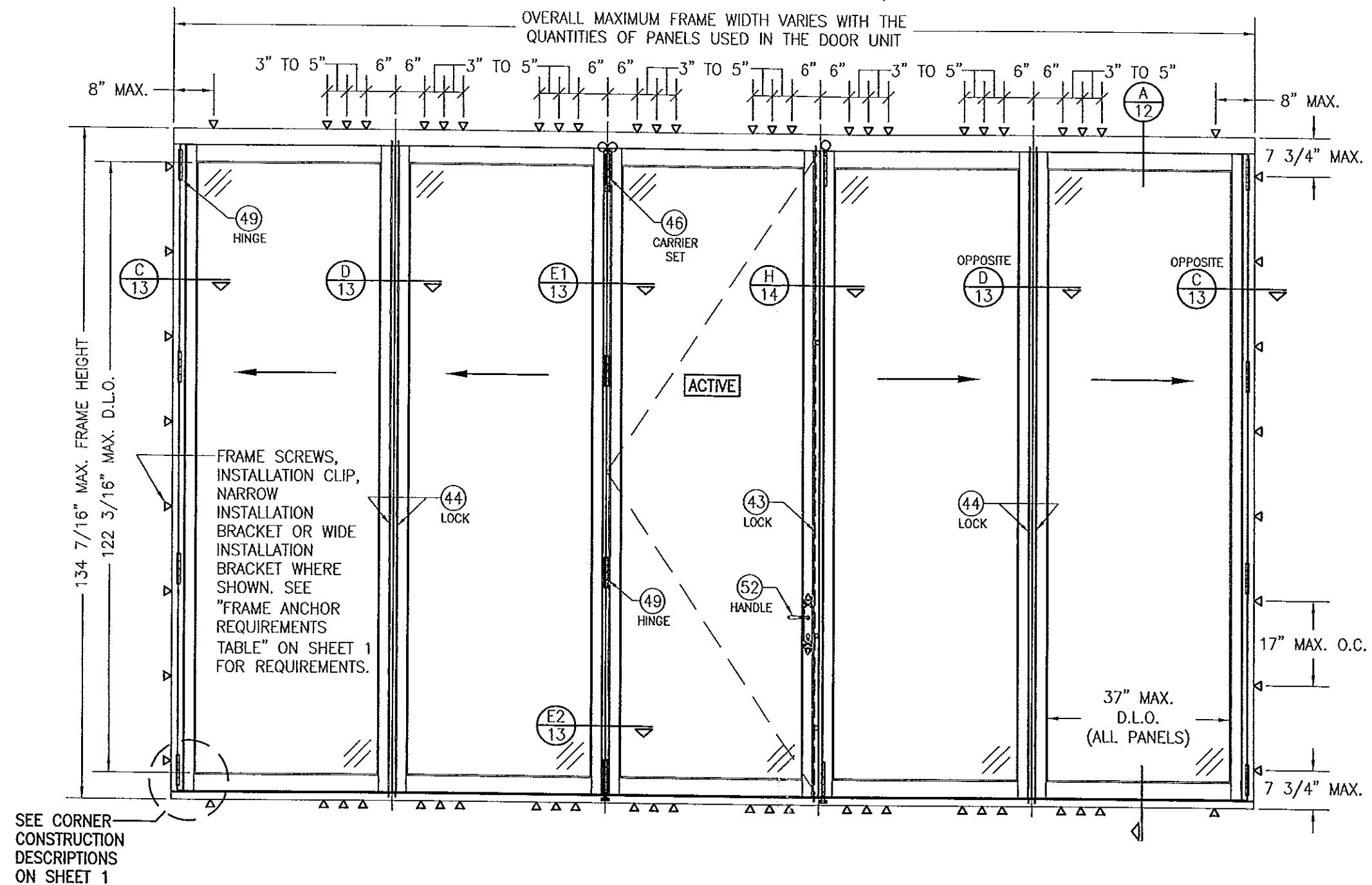
EXTERIOR ELEVATION:  
SINGLE DIRECTION BI-FOLD DOOR  
SCALE: 1/2" = 1'-0"



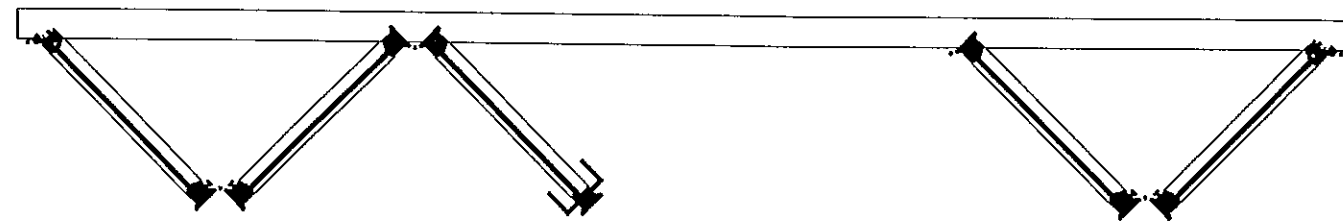
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Miami Date Product Control  
By [Signature]



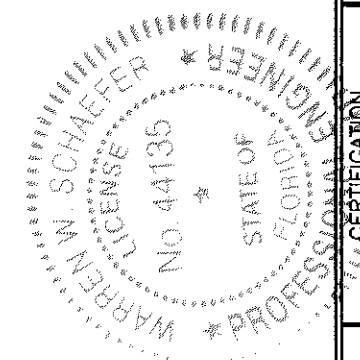
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PLOT: 1-24		DATE: 06/03/13	
NO.	REVISION DESCRIPTION	BY	DATE
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CERTIFICATION OCT 21 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1680	
SHEET NO. 4 OF 19		REV.	



EXTERIOR ELEVATION:  
LEFT & RIGHT DIRECTION BI-FOLD DOOR WITH SINGLE SWING PANEL  
SCALE: 1/2\" = 1'-0"

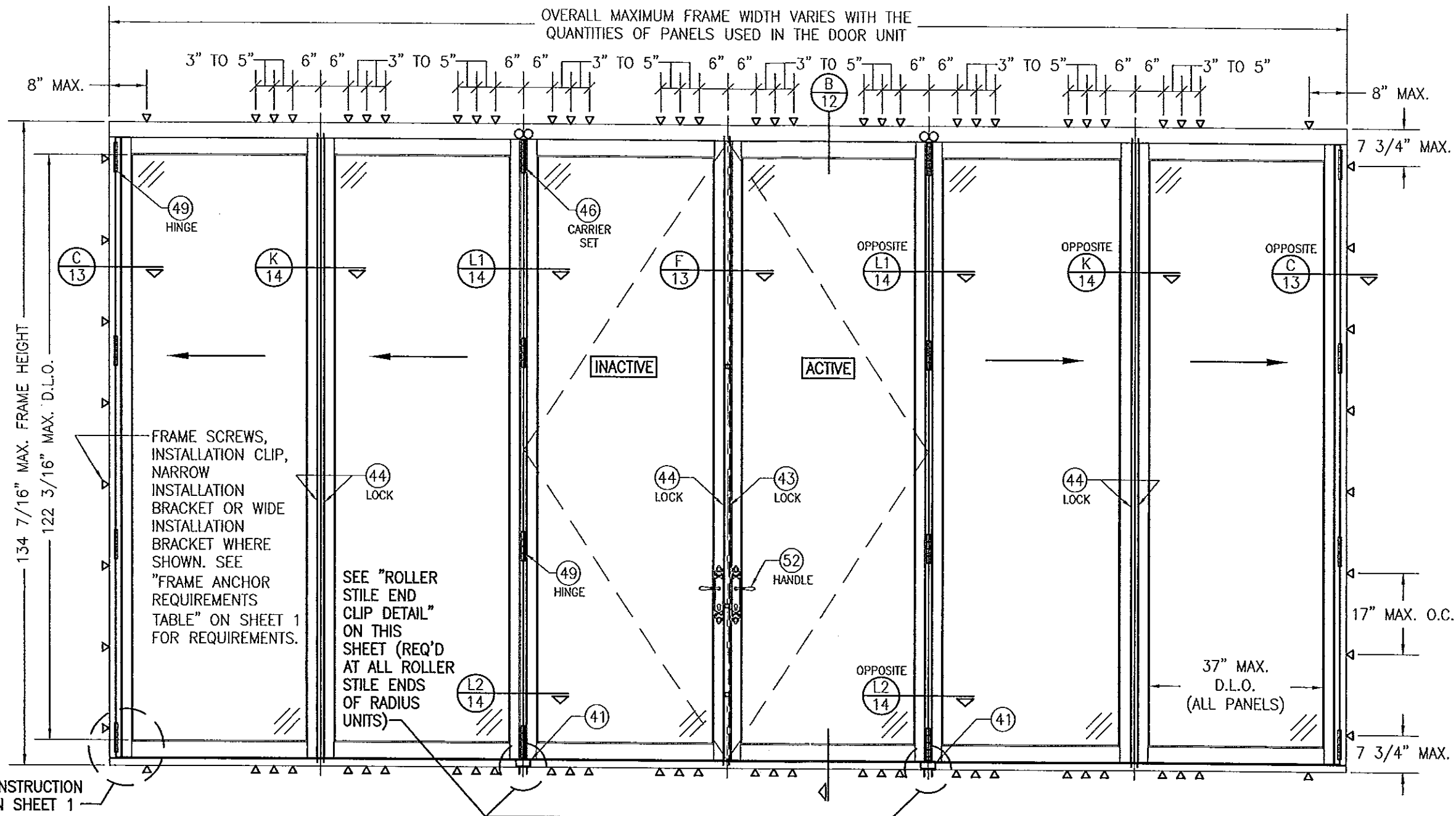


Approved as complying with the  
Florida Building Code  
Date 10/21/2013  
NOA# 13-0711-09  
Miami-Nade Product Control  
By [Signature]

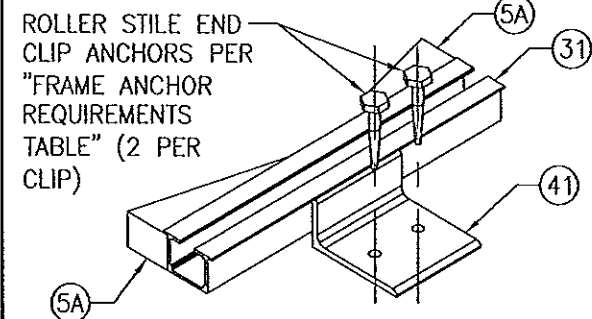


DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 06/03/13	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: WOOD IMPACT OUT-SWING BI-FOLD DOORS			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
OCT 21 2013		P.E. NO. 44135	
DRAWING NO. 1680		REV.	
SHEET NO. 5		OF 19	





SEE CORNER CONSTRUCTION DESCRIPTIONS ON SHEET 1



### ROLLER STILE END CLIP DETAIL

SCALE: N.T.S.

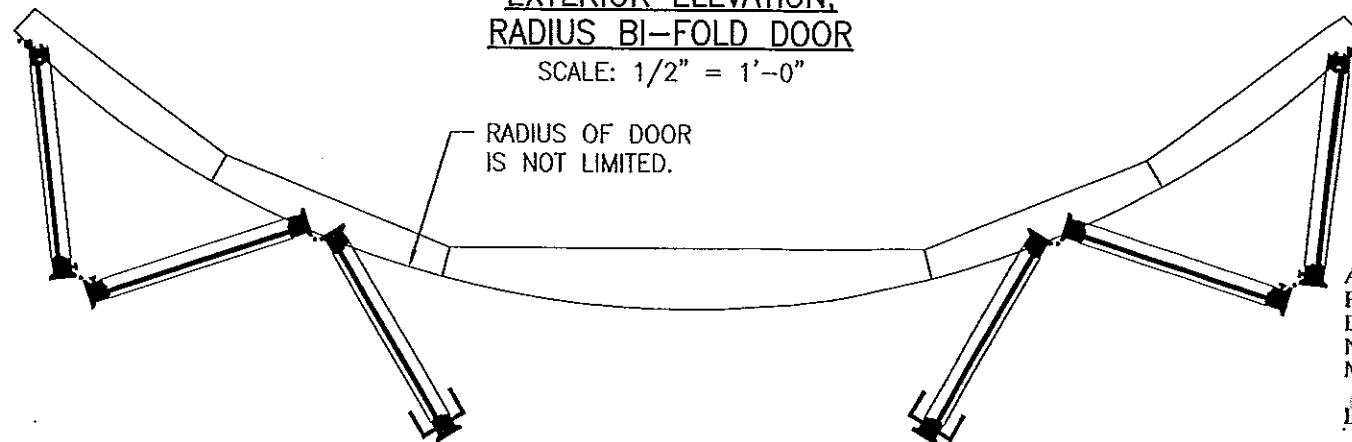
(DOOR PANEL & INTERIOR SECTION OF THRESHOLD NOT SHOWN FOR CLARITY)

NOTE: THIS CLIP IS REQUIRED ONLY WITH CURVED DOOR UNITS (NOT REQ'D WITH STANDARD FLAT UNITS)

### EXTERIOR ELEVATION: RADIUS BI-FOLD DOOR

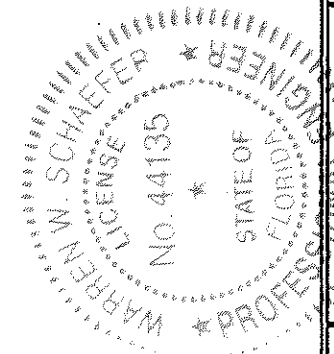
SCALE: 1/2" = 1'-0"

RADIUS OF DOOR IS NOT LIMITED.

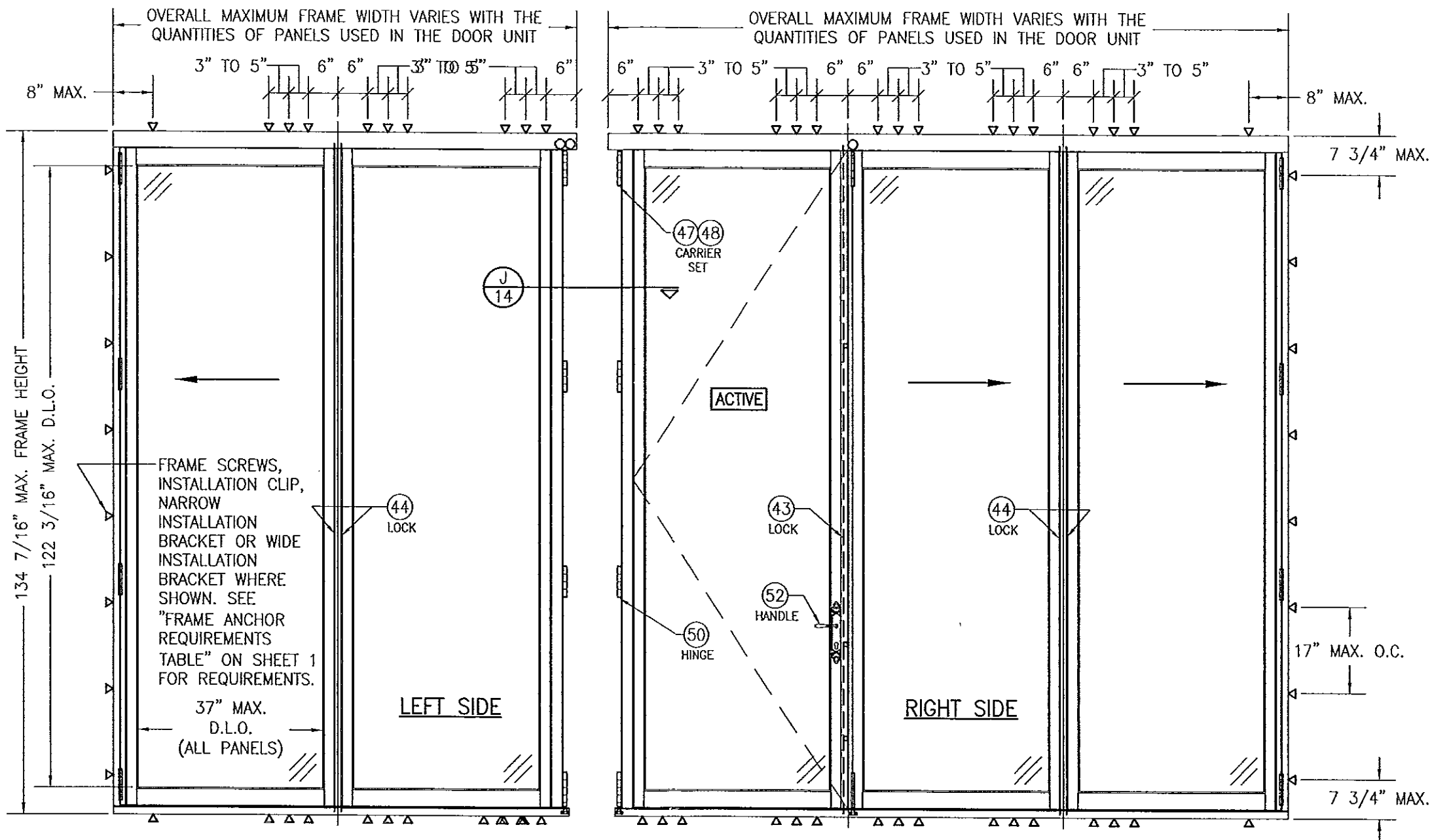


Approved as complying with the Florida Building Code  
Date: 12/12/2013  
NOA# 13-0717.09  
Miami-Trade Product Control

By: [Signature]



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 06/03/13	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE WOOD IMPACT OUT-SWING BI-FOLD DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION OCT 21 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1680	
		REV. SHEET NO. 6 OF 19	



LEFT SIDE (2-PANEL)

FRONT SIDE (3-PANEL)

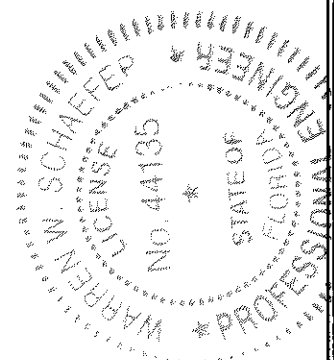
**EXTERIOR ELEVATION;  
CORNER BI-FOLD DOOR**

SCALE: 1/2" = 1'-0"

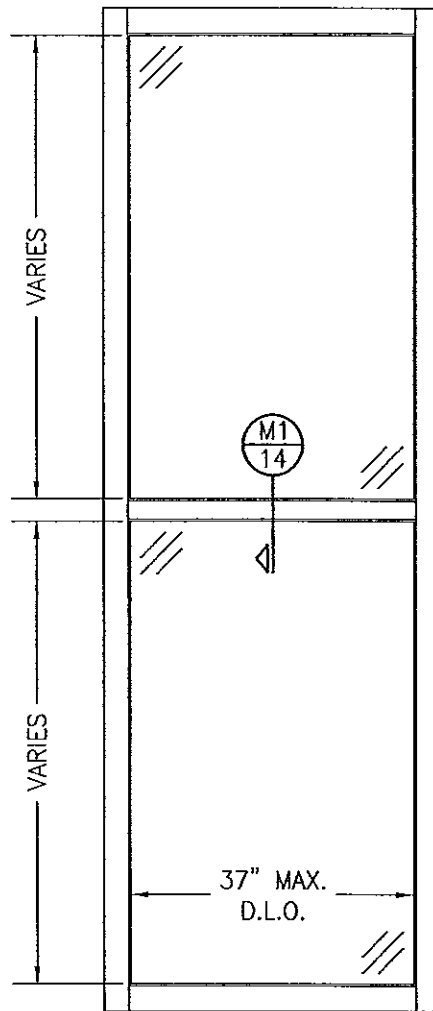
(FOR ALL DETAIL NOT SHOWN, SEE OTHER  
NON-RADIUS ELEVATIONS)

Approved as complying with the  
Florida Building Code  
Date 11/31/2013  
NOA# 13-0717.09  
Miami Date Product Control

By

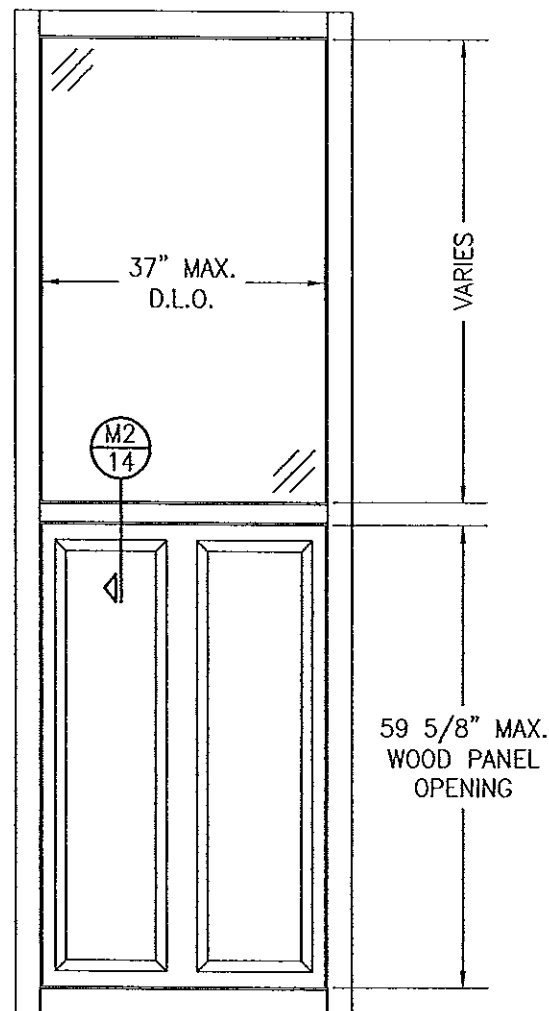


DRAWING TITLE <b>WOOD IMPACT OUT-SWING BI-FOLD DOORS</b>	
DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 06/03/13
NO.	REVISION DESCRIPTION
DATE	BY
MANUFACTURER <b>PEETZ WINDOWS &amp; DOORS</b> 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	P.E. NO. 44135
OCT 21 2013	
DRAWING NO. <b>1680</b>	REV.
SHEET NO. <b>7 OF 19</b>	



**GLASS DOOR PANEL WITH  
MID-RAIL**

SCALE: 1/2" = 1'-0"



**PARTIAL WOOD PANEL  
DOOR WITH MID-RAILS**

SCALE: 1/2" = 1'-0"

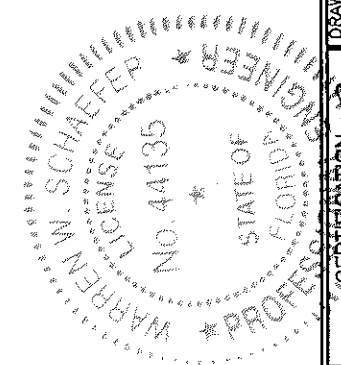
**PANEL NOTES**

1. ONE HORIZONTAL MID-RAIL IS SHOWN IN EACH ELEVATION. MULTIPLE HORIZONTAL MID-RAILS MAY BE PLACED IN EITHER A GLASS PANEL OR PARTIAL WOOD PANEL DOOR.
2. WITH PARTIAL WOOD PANEL DOORS, THE WOOD PANELS MUST BE CONTINUOUS BETWEEN HORIZONTAL MID-RAILS. IF VERTICAL MID-RAILS ARE DESIRED BETWEEN THE HORIZONTAL MID-RAILS, THEY MUST BE FALSE RAILS SUCH THAT THEY ARE LAMINATED TO THE PLYWOOD PANEL SURFACE.

Approved as complying with the  
Florida Building Code

Date 11/21/2013  
NOA# 13-0747.09  
Miami Data Product Control

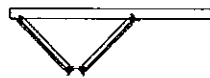
By [Signature]



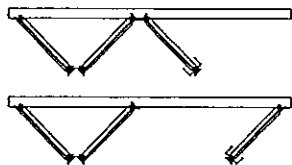
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 06/03/13	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE <b>WOOD IMPACT OUT-SWING BI-FOLD DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b>		MANUFACTURER <b>PEETZ WINDOWS &amp; DOORS</b> 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION <b>OCT 21 2013</b>		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. <b>1680</b>		REV.	
SHEET NO. <b>8</b>		OF <b>19</b>	

STRAIGHT LINE LAYOUT

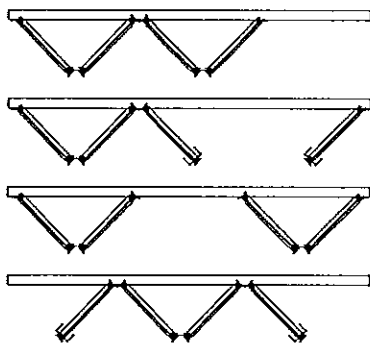
2 - PANEL



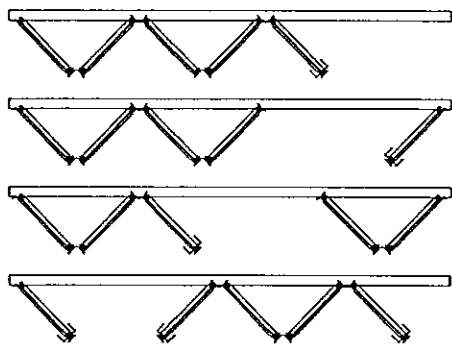
3 - PANEL



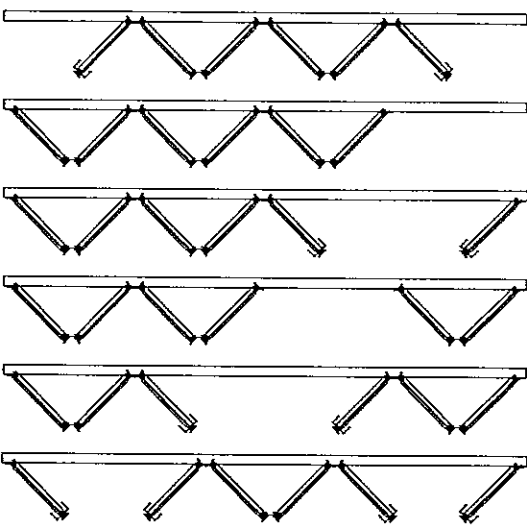
4 - PANEL



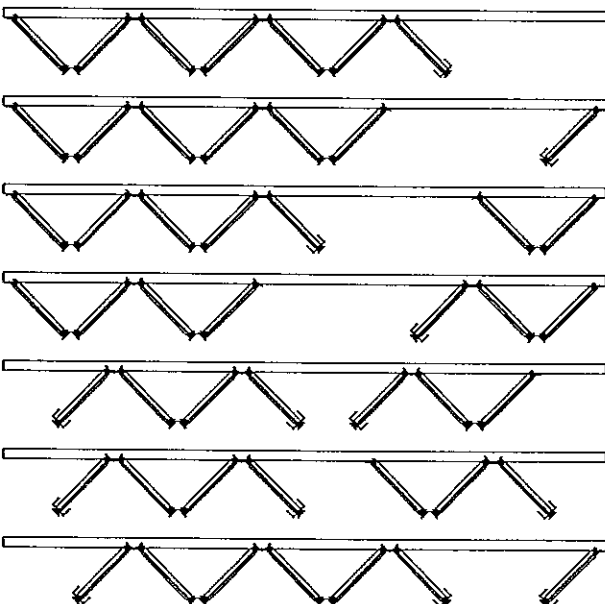
5 - PANEL



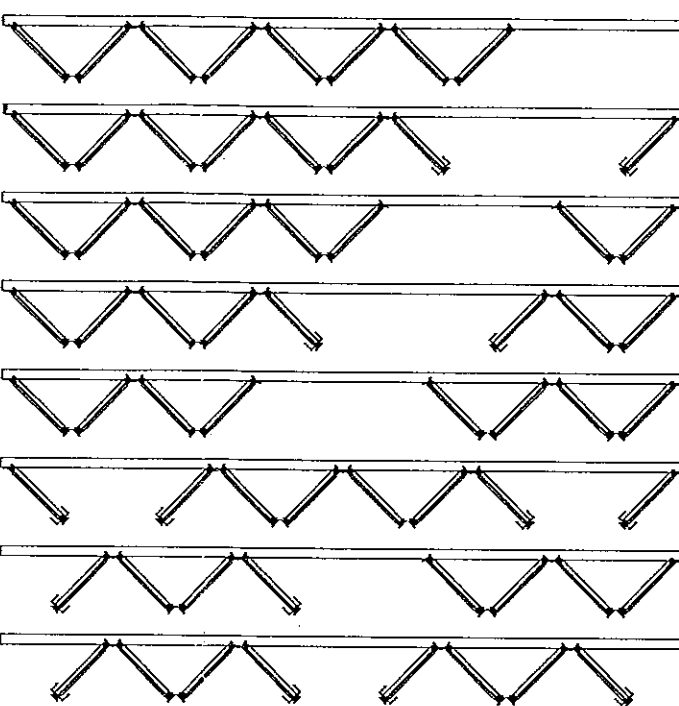
6 - PANEL



7 - PANEL

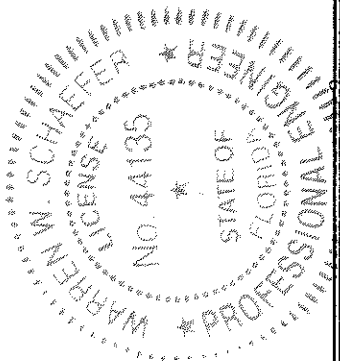


8 - PANEL



WHILE UP TO 8 PANELS IN ONE OPENING IS SHOWN, THERE IS NO LIMIT TO THE NUMBER OF PANELS IN ONE DOOR FRAME OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT THE LOADS TRANSFERRED FROM THE DOOR SYSTEM

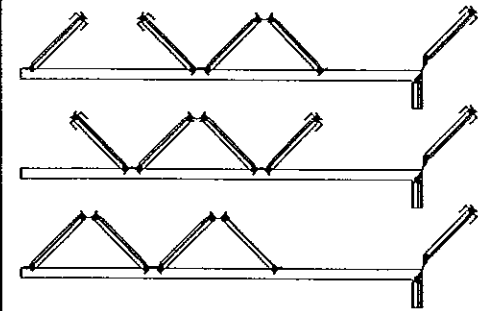
Approved as complying with the  
Florida Building Code  
Date 12/24/2013  
NOAH 13-0717.09  
Miami Dade Product Control  
By [Signature]



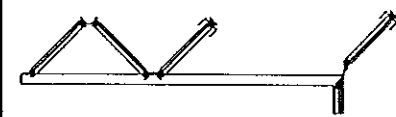
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 08/03/13	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE		WOOD IMPACT OUT-SWING BI-FOLD DOORS	
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION		OCT 21 2013	
WARREN W. SCHAEFER, P.E.		WARREN W. SCHAEFER, P.E.	
P.E. NO. 44135		P.E. NO. 44135	
DRAWING NO.		REV.	
1680			
SHEET NO.			
9		OF 19	

# 90° CORNER LAYOUT

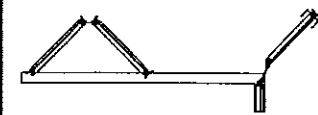
CONFIGURATIONS FOR RIGHT SIDE PANELS,  
VIEWED FROM EXTERIOR.



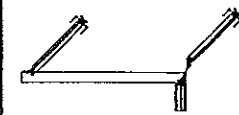
5 - PANEL



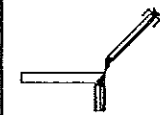
4 - PANEL



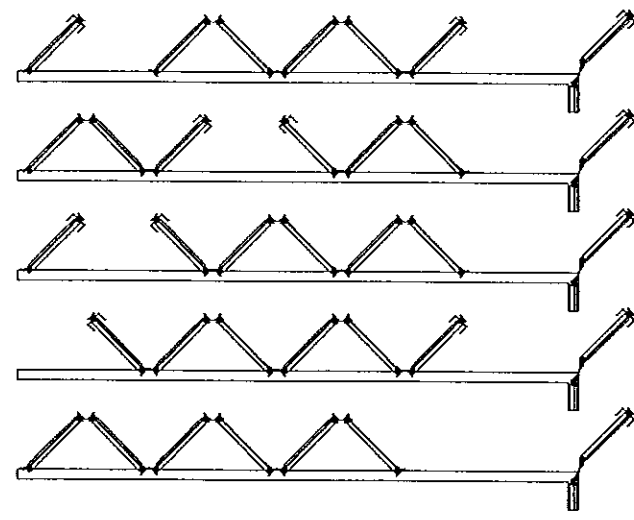
3 - PANEL



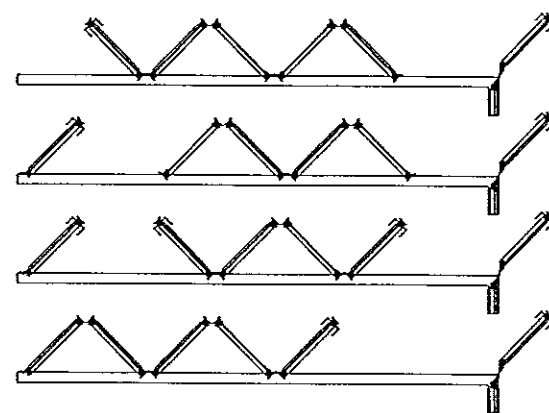
2 - PANEL



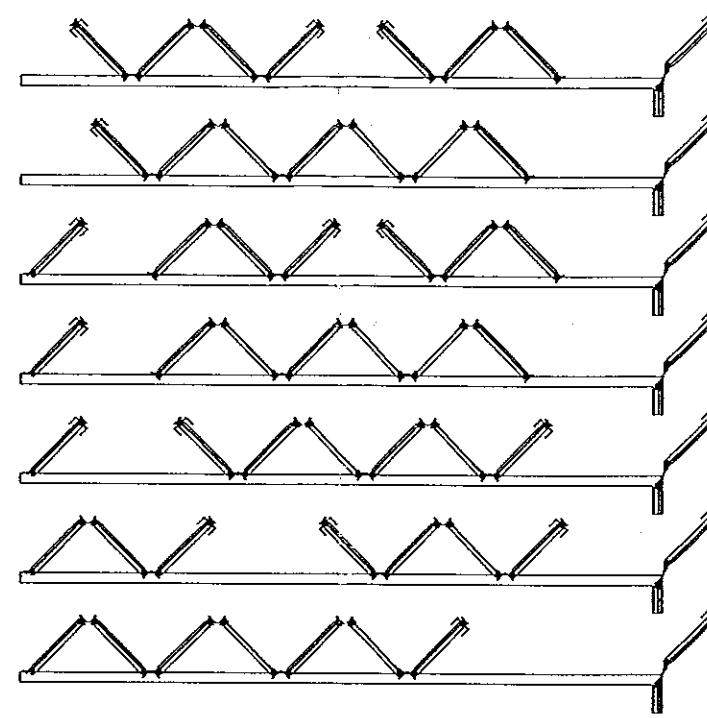
1 - PANEL



7 - PANEL



6 - PANEL

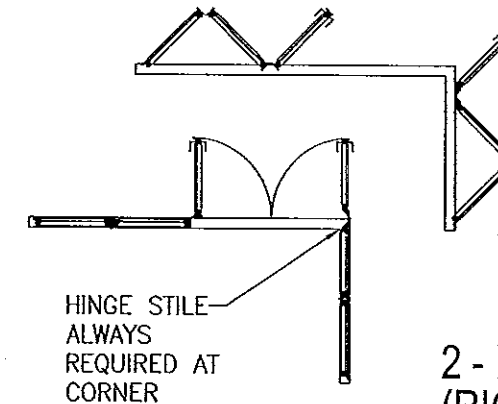


8 - PANEL

WHILE UP TO 8 PANELS IN ONE OPENING IS SHOWN, THERE IS NO LIMIT TO THE NUMBER OF PANELS IN ONE DOOR FRAME OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT THE LOADS TRANSFERRED FROM THE DOOR SYSTEM

90° CORNER COMBINING  
X - PANELS RIGHT SIDE  
Y - PANELS LEFT SIDE  
VIEWED FROM EXTERIOR.

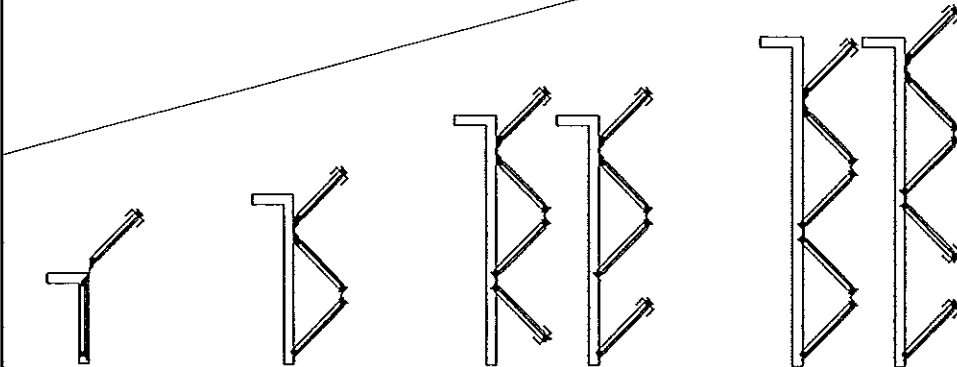
EXAMPLE:  
4 - PANEL (LEFT SIDE)



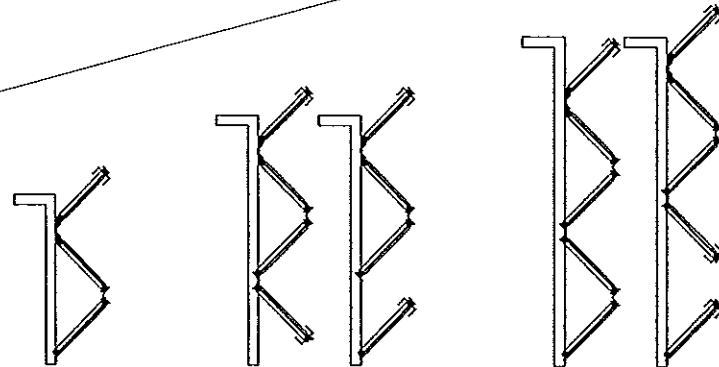
HINGE STILE  
ALWAYS  
REQUIRED AT  
CORNER

2 - PANEL  
(RIGHT SIDE)

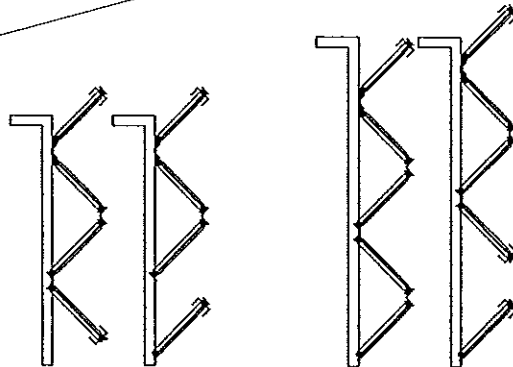
Approved as complying with the  
Florida Building Code  
Date 10/21/2013  
NOAH 13-0717-09  
Miami Dade Product Control  
By [Signature]



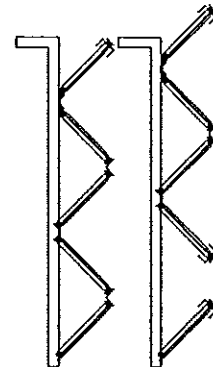
1 - PANEL



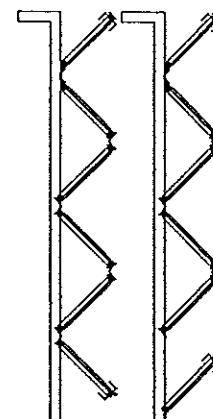
2 - PANEL



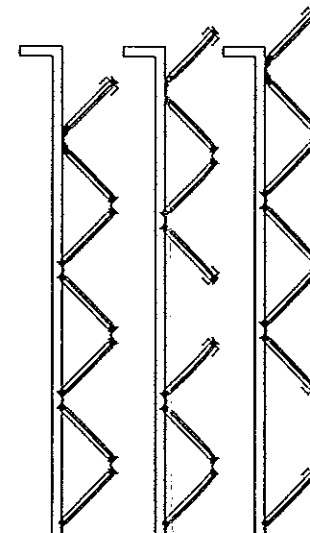
3 - PANEL



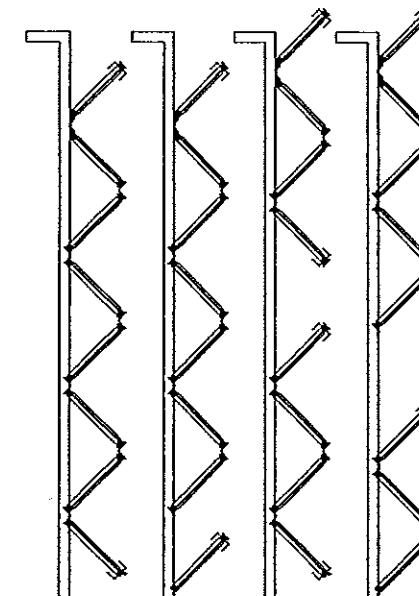
4 - PANEL



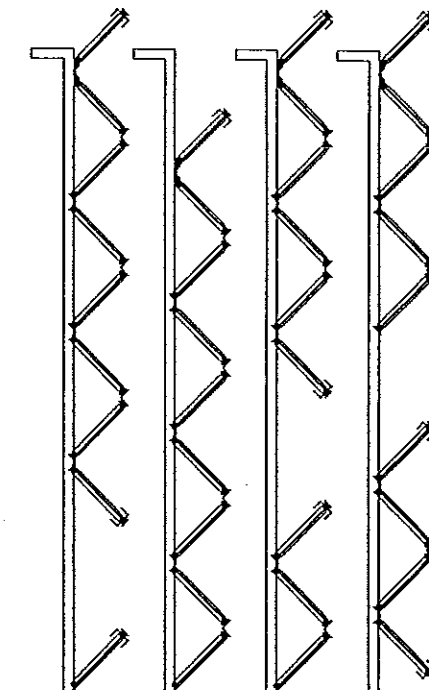
5 - PANEL



6 - PANEL



7 - PANEL



8 - PANEL

CONFIGURATIONS FOR LEFT SIDE PANELS,  
VIEWED FROM EXTERIOR.

OCT 21 2013

DRAWING TITLE WOOD IMPACT OUT-SWING BI-FOLD DOORS

CONSULTANTS  
W. W. SCHAEFER ENGINEERING  
& CONSULTING, P.A. (CA 6809)  
7480 150TH COURT NORTH  
PALM BEACH GARDENS, FL 33418  
PHONE: 561-744-3424

MANUFACTURER  
PEETZ WINDOWS & DOORS  
15951 S.W. 41ST STREET, SUITE 150  
WESTON, FL 33331  
954-659-3887

DRAWN BY:	W.R.M.	CHECKED BY:	W.W.S.
PLOT:	1=24	DATE:	06/03/13
NO.	REVISION	DESCRIPTION	BY

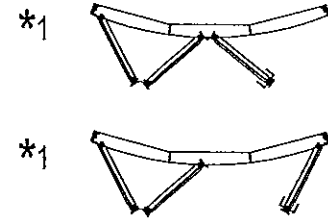
CERTIFICATION NO. 44100	DATE OCT 21 2013
W. W. SCHAEFER	WARREN W. SCHAEFER P.E.
1680	10 OF 19

CURVED LAYOUT

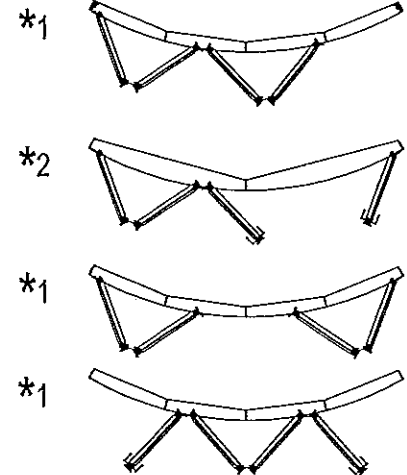
2 - PANEL



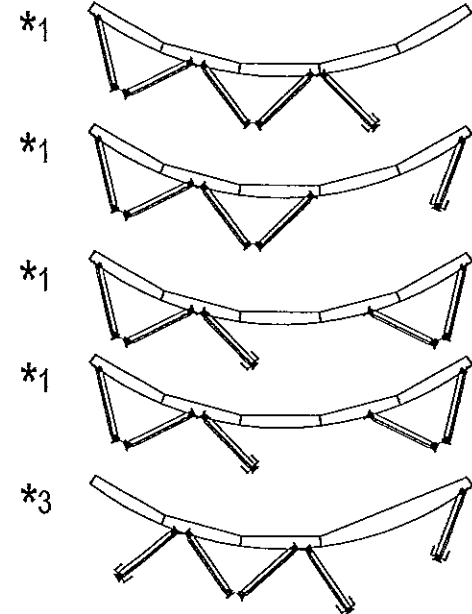
3 - PANEL



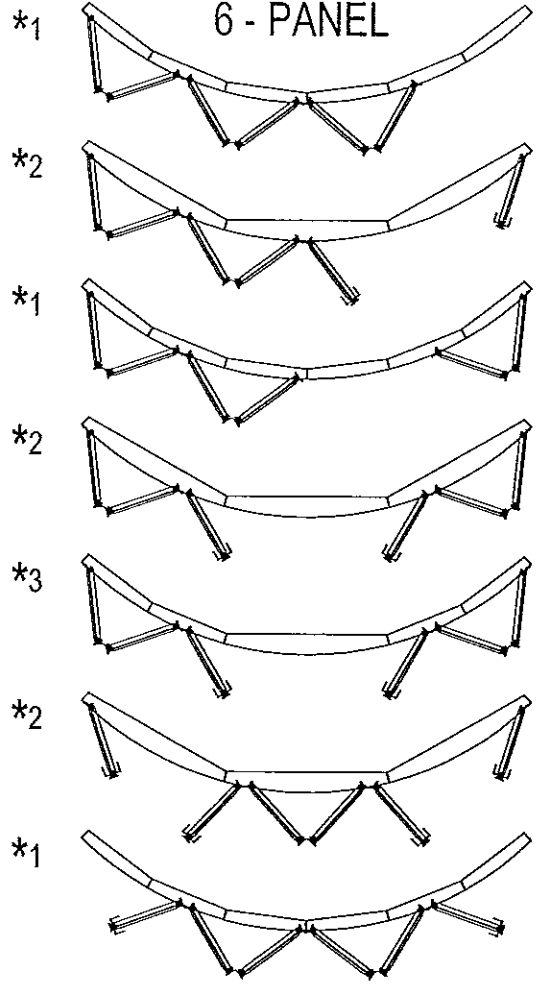
4 - PANEL



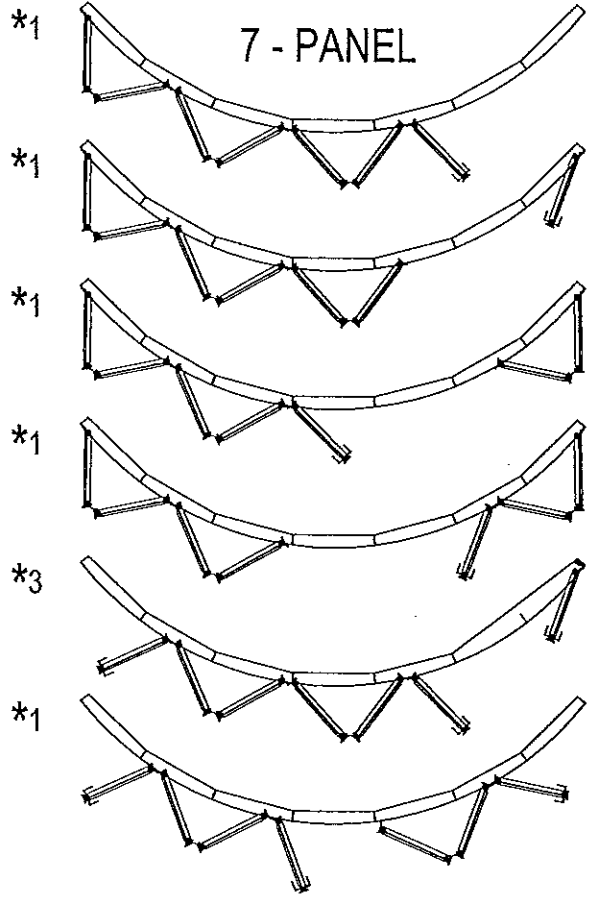
5 - PANEL



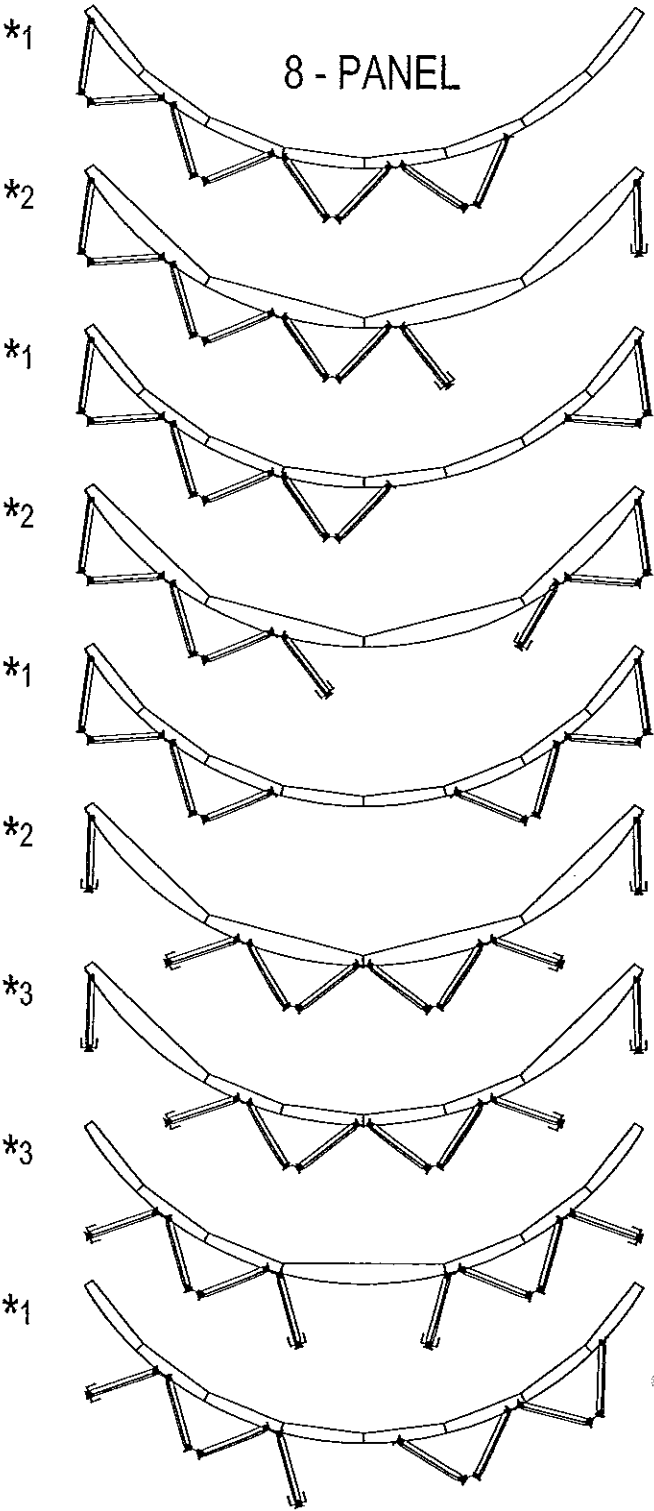
6 - PANEL



7 - PANEL



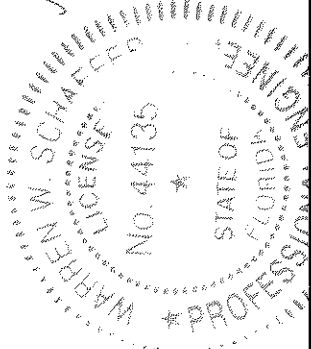
8 - PANEL



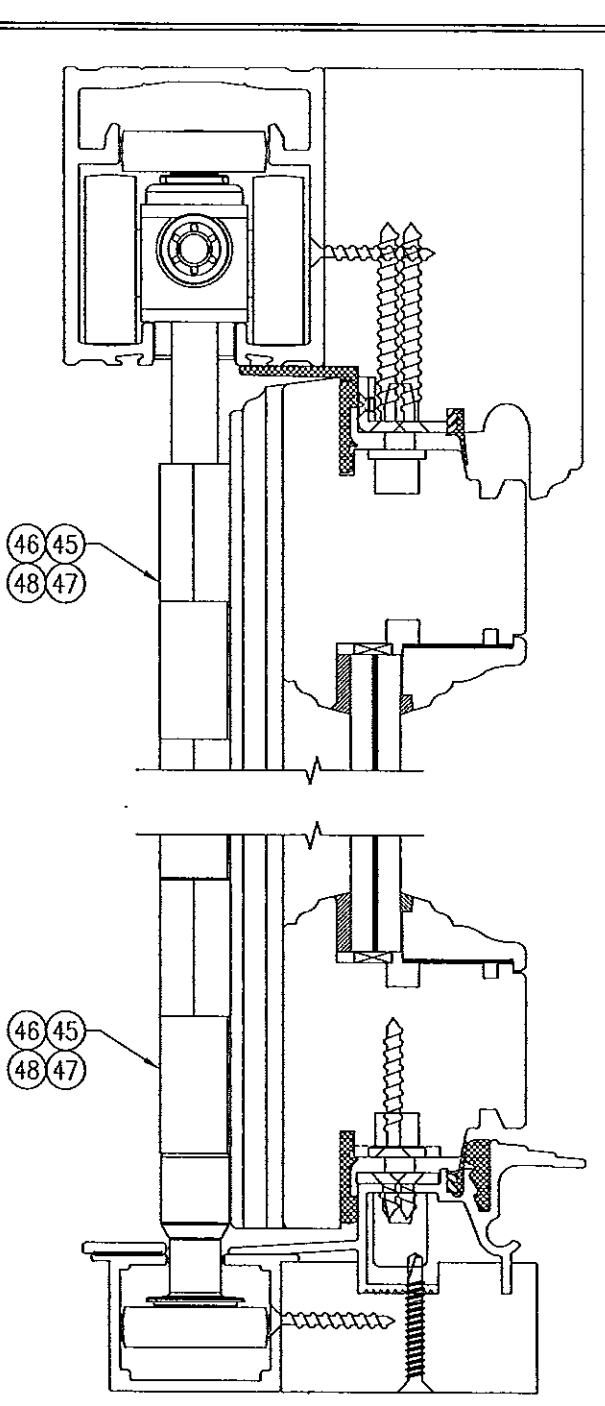
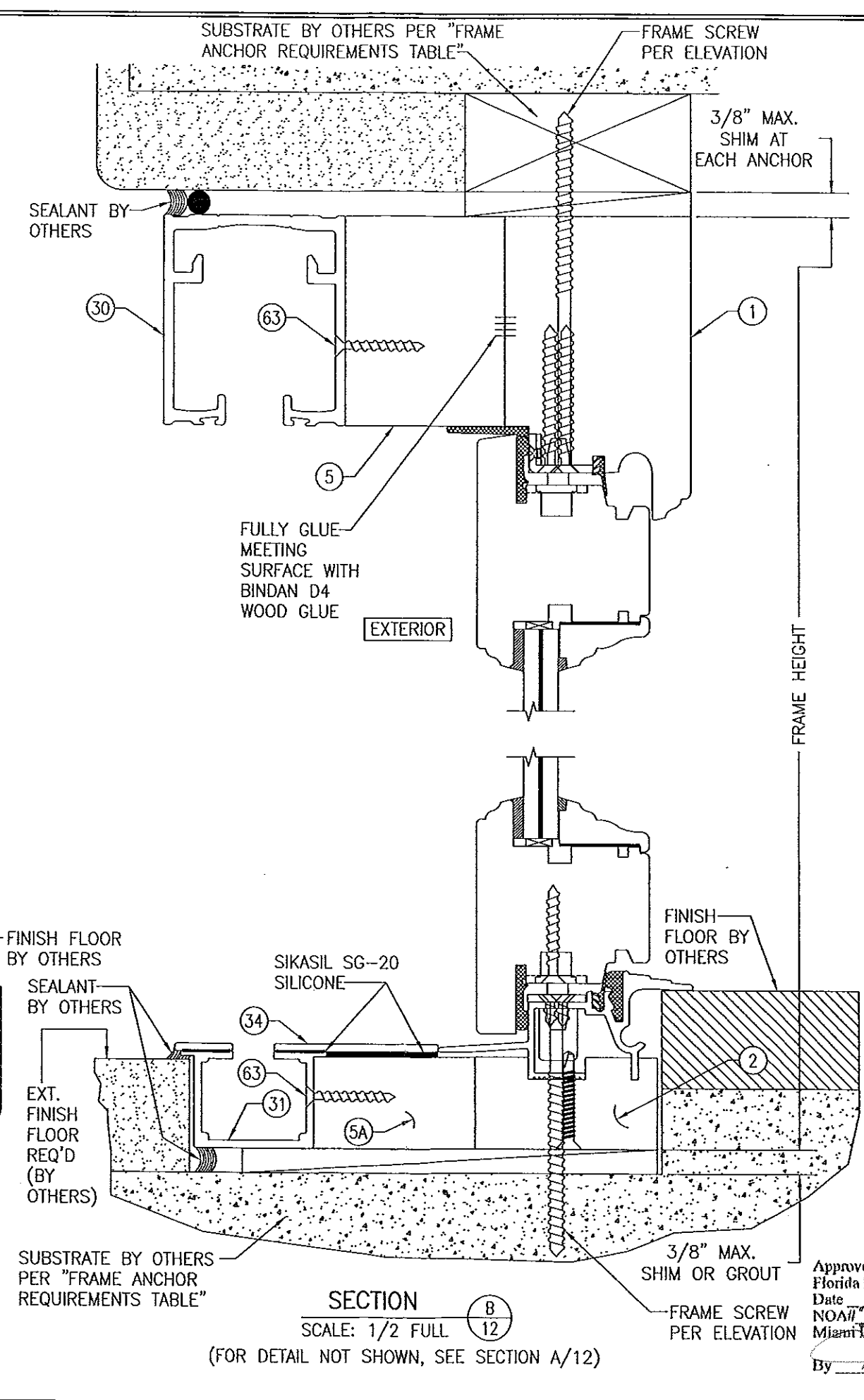
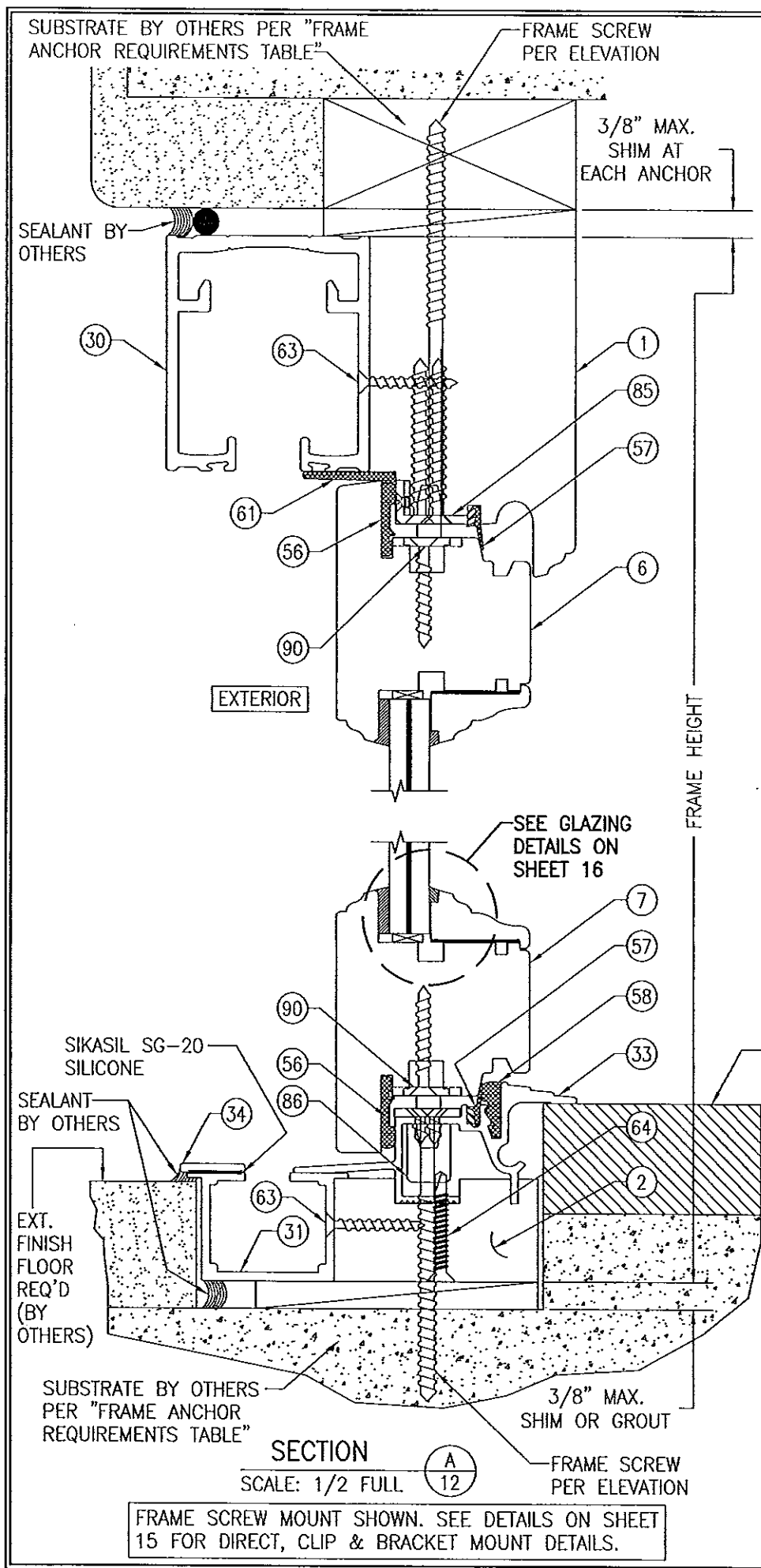
WHILE UP TO 8 PANELS IN ONE OPENING IS SHOWN, THERE IS NO LIMIT TO THE NUMBER OF PANELS IN ONE DOOR FRAME OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT THE LOADS TRANSFERRED FROM THE DOOR SYSTEM

- \*1: SINGLE PANEL SEGMENTS AT INTERIOR
- \*2: DOUBLE PANEL SEGMENTS AT INTERIOR
- \*3: SINGLE AND DOUBLE PANEL SEGMENTS AT INTERIOR COMBINED.

Approved as complying with the  
Florida Building Code  
Date 12/21/2013  
NOA# 13-0717-09  
Miami Dade Product Control  
By [Signature]



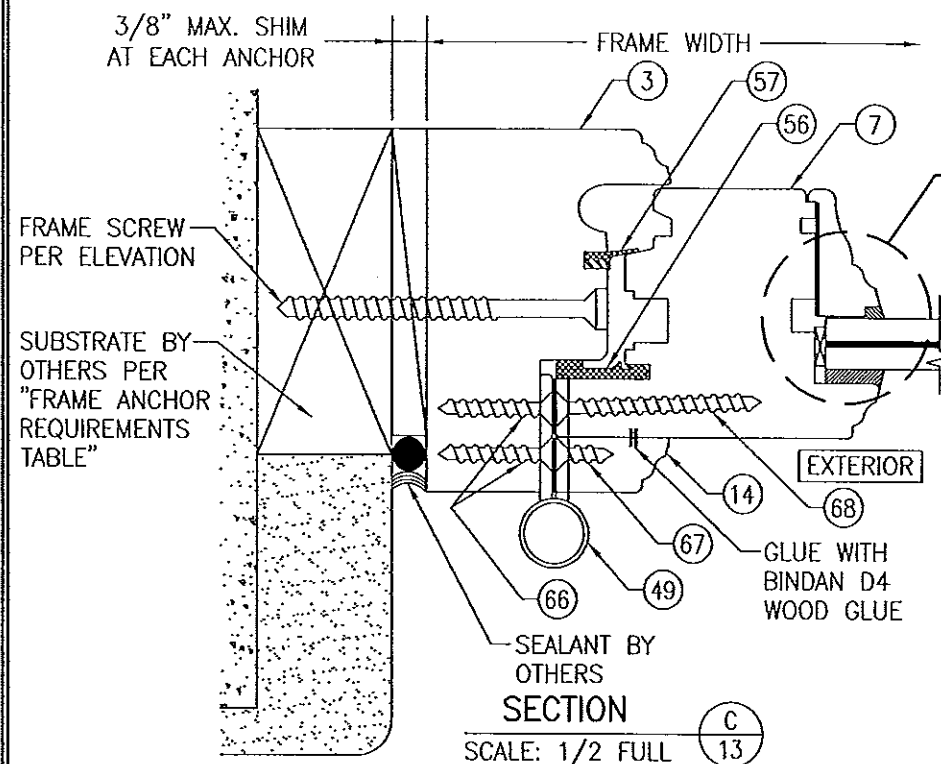
DRAWN BY: W.R.W.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 06/03/13	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: WOOD IMPACT OUT-SWING BI-FOLD DOORS		MANUFACTURER: PEETZ WINDOWS & DOORS	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		15951 S.W. 41ST STREET, SUITE 150	
7480 150TH COURT NORTH		WESTON, FL 33331	
PALM BEACH GARDENS, FL 33418		954-659-3887	
PHONE: 561-744-3424			
OCT 21 2013			
WARREN W. SCHAEFER, P.E.			
P.E. NO. 44135			
DRAWING NO. 1680		REV.	
SHEET NO. 11 OF 19			



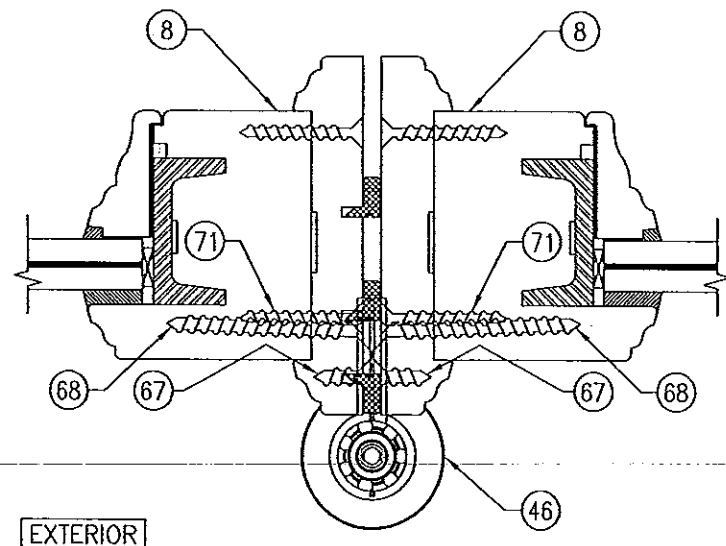
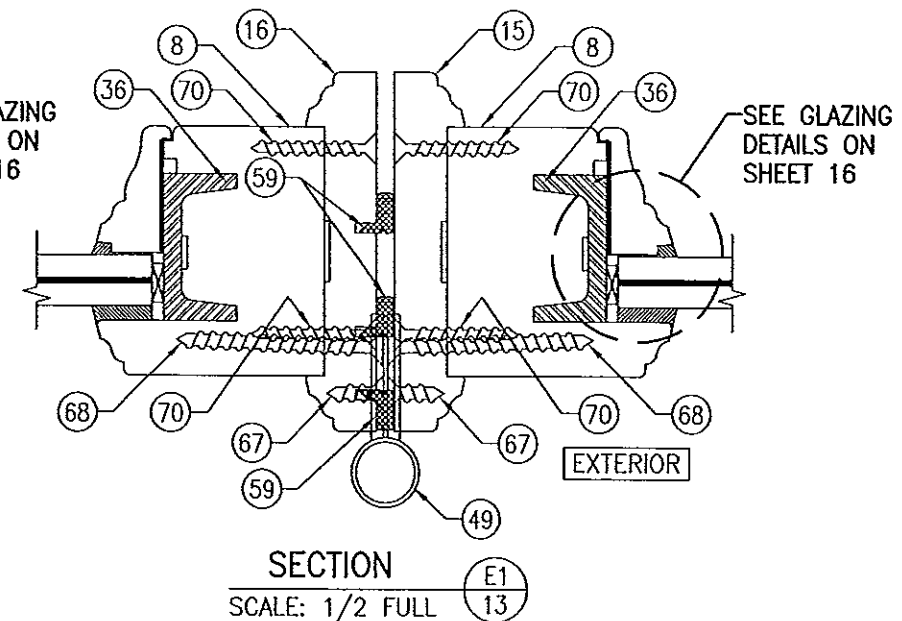
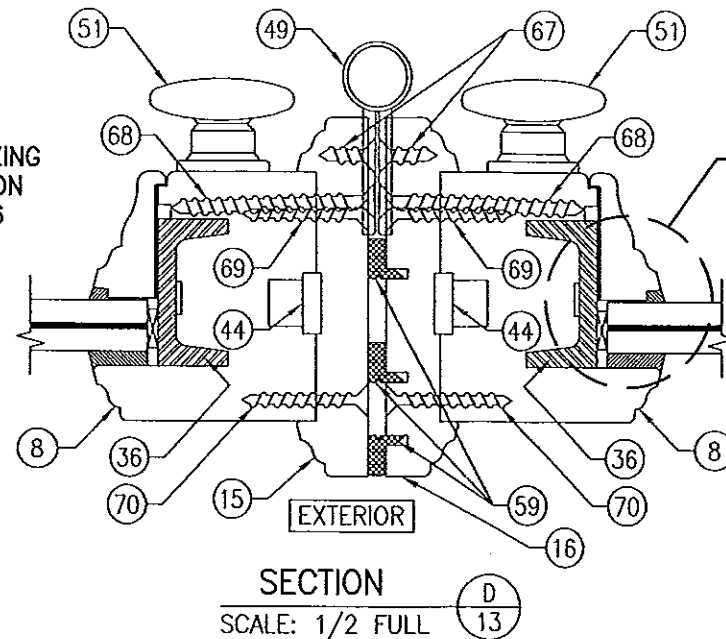
**TYPICAL CARRIER/ROLLER DETAIL**  
(FOR DETAIL & INSTALLATION NOT SHOWN, SEE SECTION A/12)

Approved as complying with the  
Florida Building Code  
Date 11/21/2013  
By Warren W. Schaefer  
Miami Dade Product Control

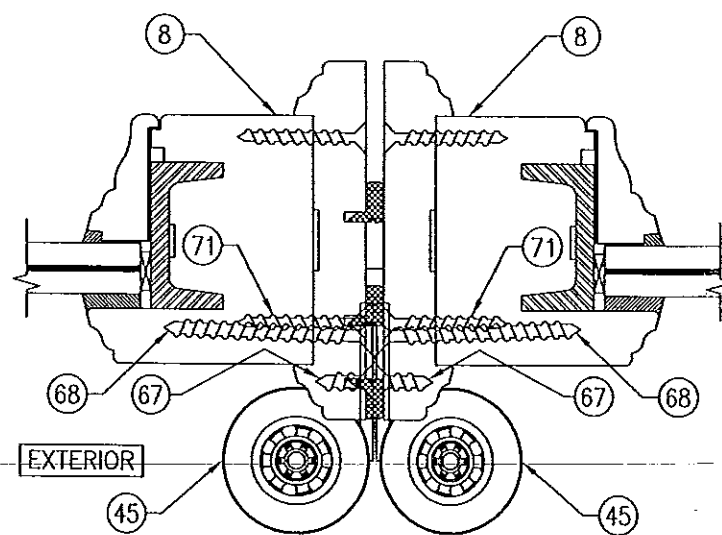
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PLOT: 1=2		DATE: 05/03/13	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: <b>WOOD IMPACT OUT-SWING BI-FOLD DOORS</b>			
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b>		MANUFACTURER <b>PEETZ WINDOWS &amp; DOORS</b>	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
UNALtered		OCT 21 2013	
DRAWING NO. <b>1680</b>		REV. <b> </b>	
SHEET NO. <b>12</b>		OF <b>19</b>	



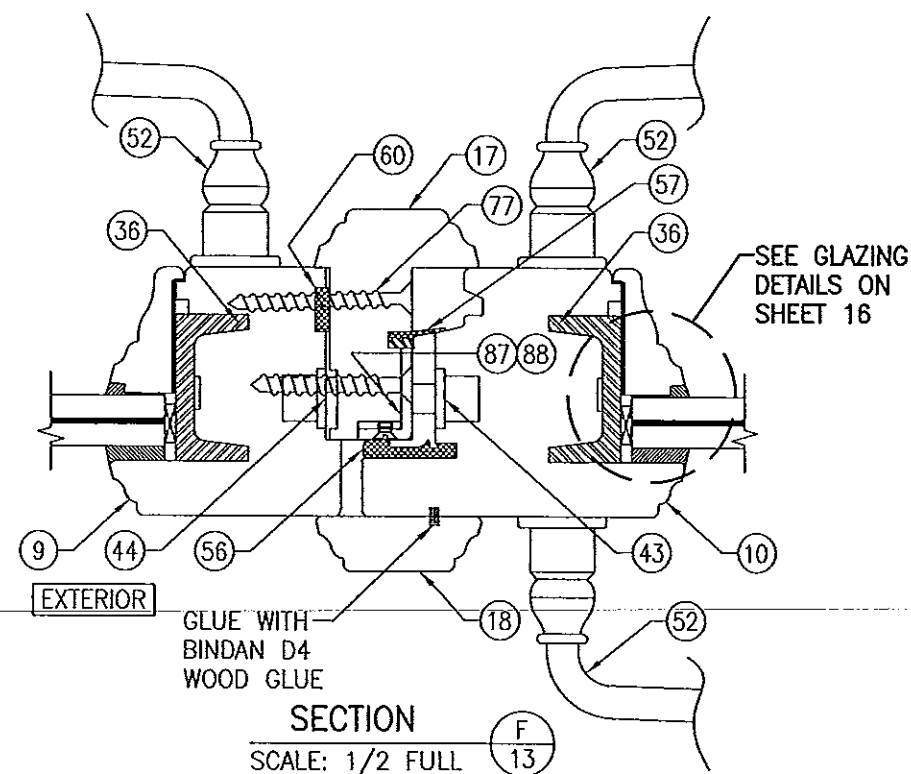
FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEET 15 FOR DIRECT, CLIP & BRACKET MOUNT DETAILS.



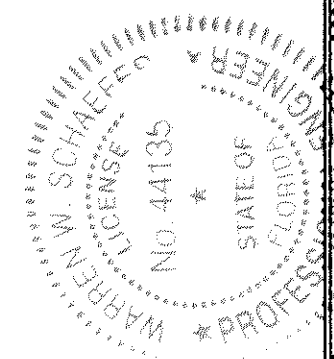
(FOR DETAIL NOT SHOWN, SEE SECTION E1/13)



(FOR DETAIL NOT SHOWN, SEE SECTION E1/13)

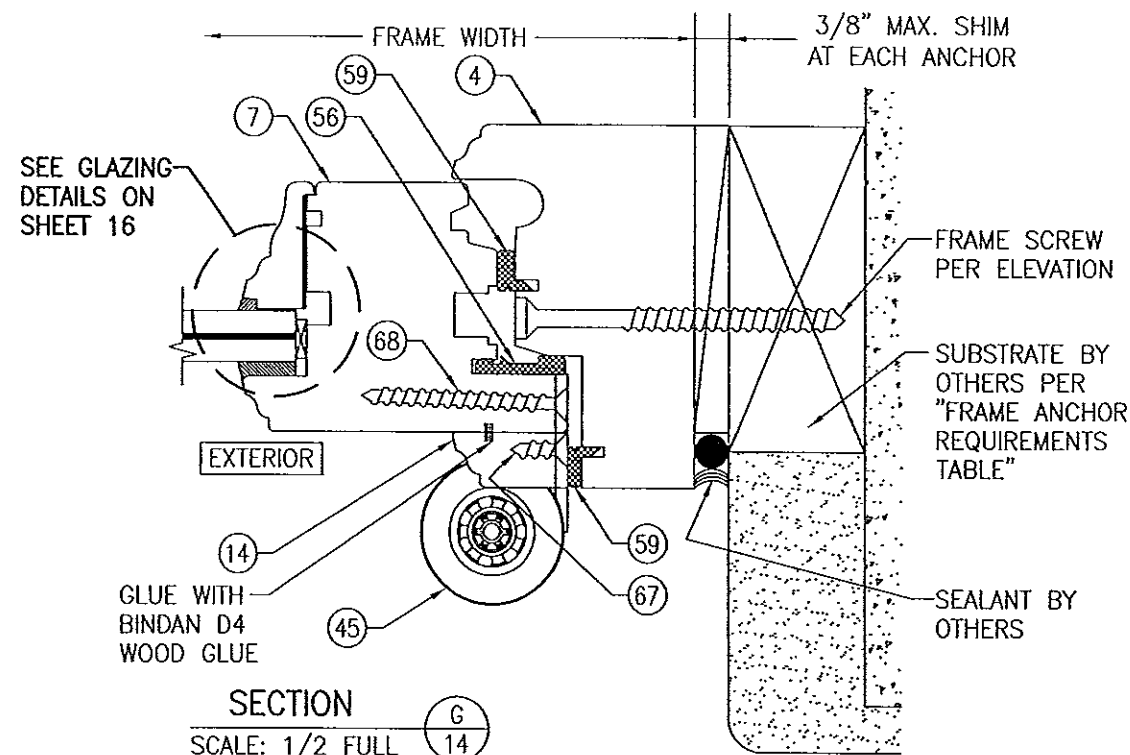


Approved as complying with the  
Florida Building Code  
Date 11/22/2013  
NOA 13-0717.09  
Miami Dade Product Control

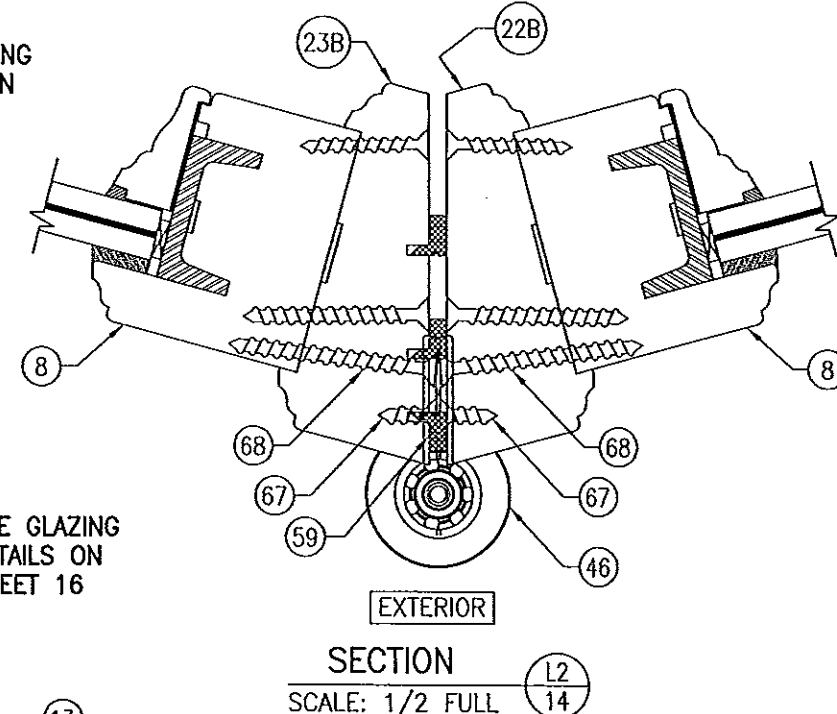
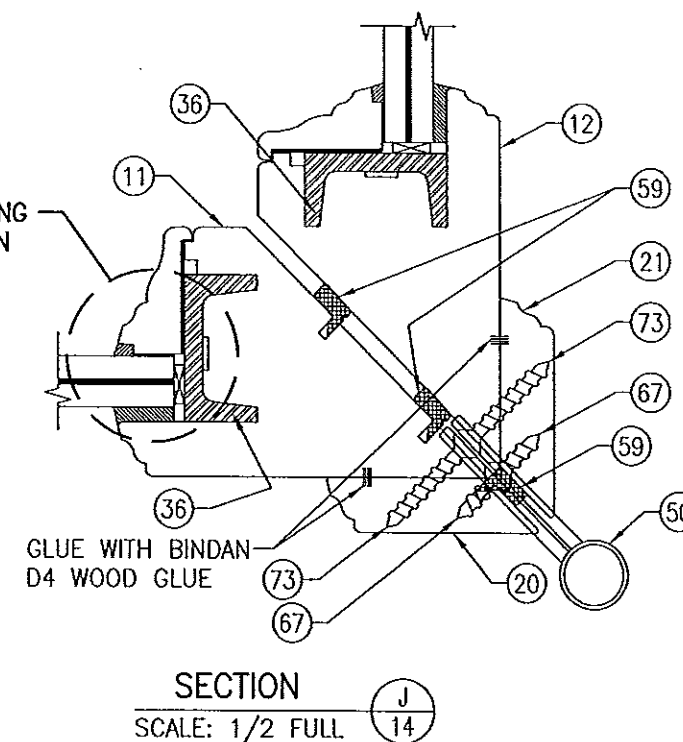
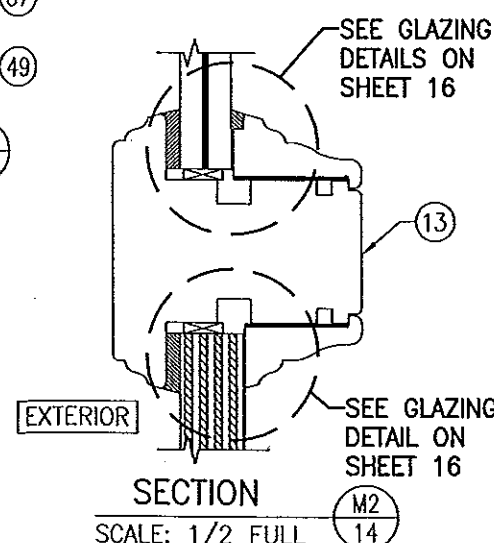
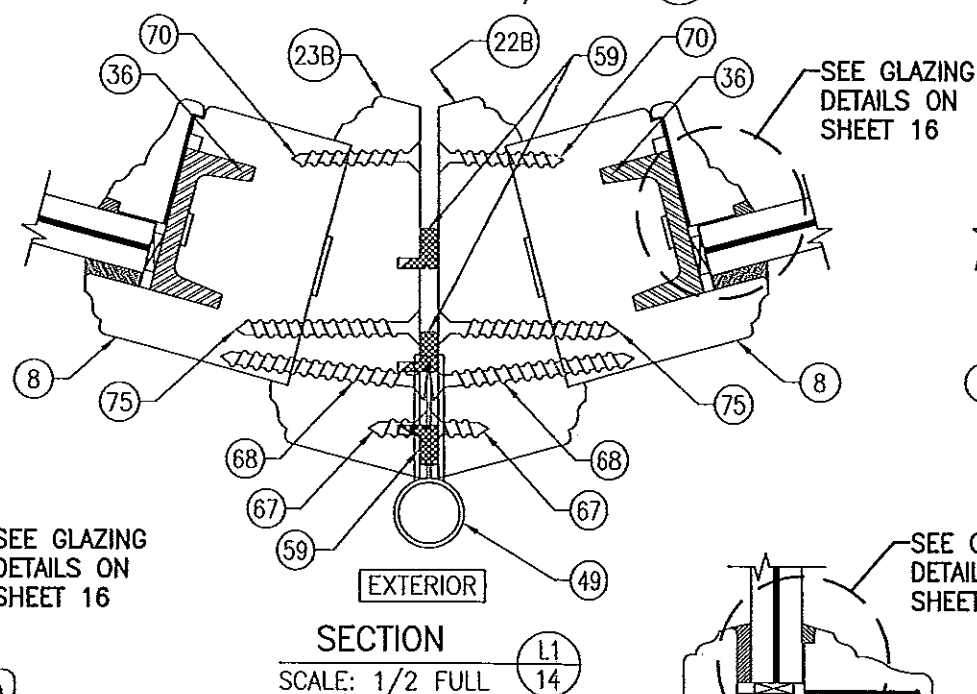
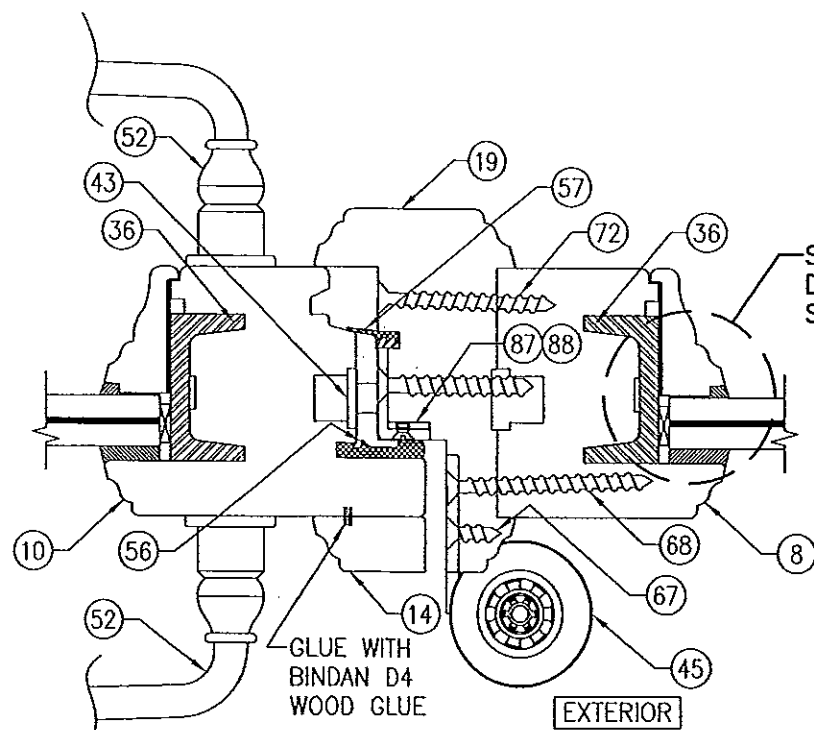
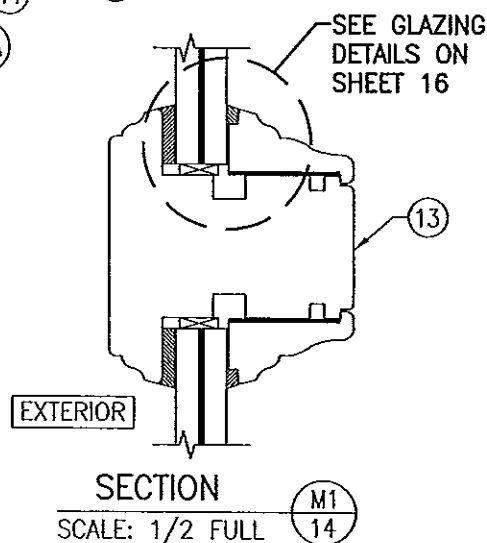
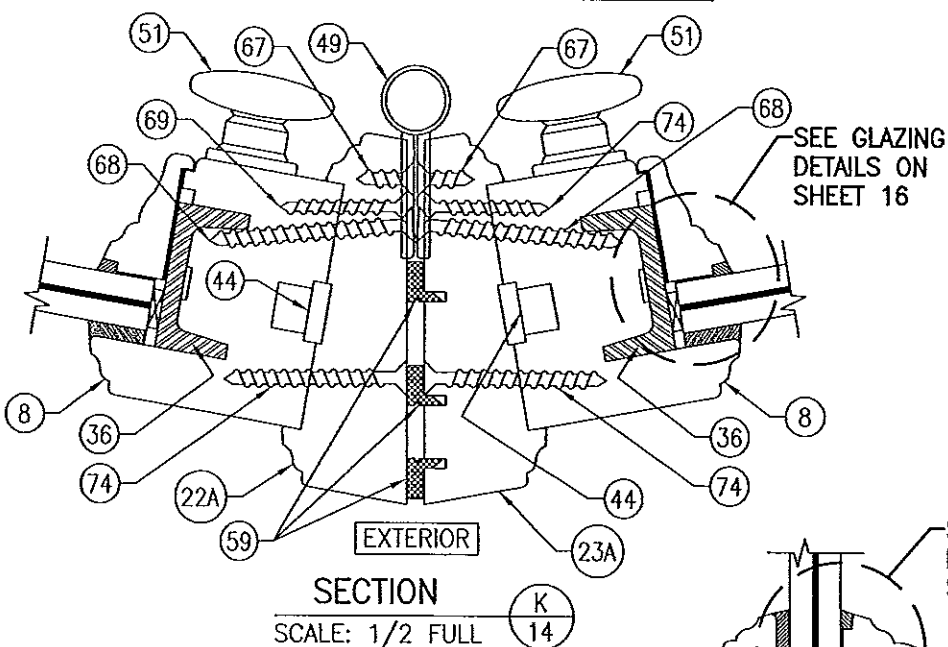


DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 06/03/13
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE: WOOD IMPACT OUT-SWING BI-FOLD DOORS	
CONSULTANTS	MANUFACTURER
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	PEETZ WINDOWS & DOORS
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887
CERTIFICATION	
OCT 21 2013	
WARREN W. SCHAEFER, P.E.	
P.E. NO. 44135	
DRAWING NO. 1680	REV.
SHEET NO. 13	OF 19





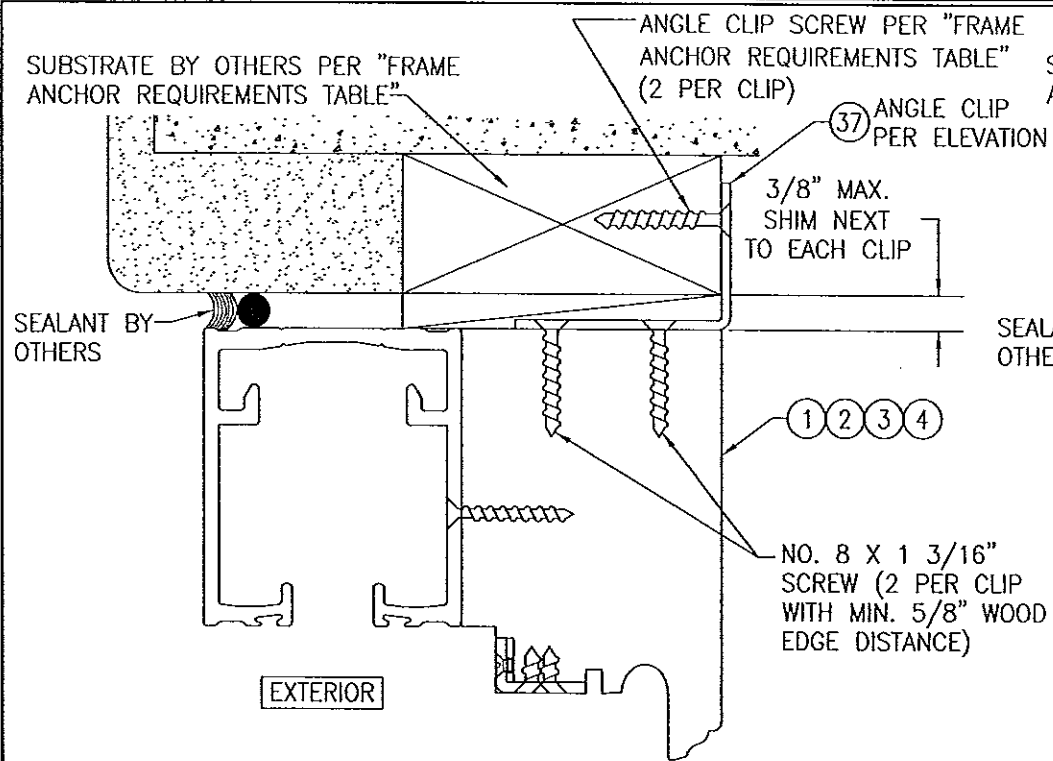
FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEET 15 FOR DIRECT, CLIP & BRACKET MOUNT DETAILS.



(FOR DETAIL NOT SHOWN, SEE SECTION L1/14)

Approved as complying with the  
Florida Building Code  
Date 11/21/2013  
By NOAH  
Miami Date Product Control

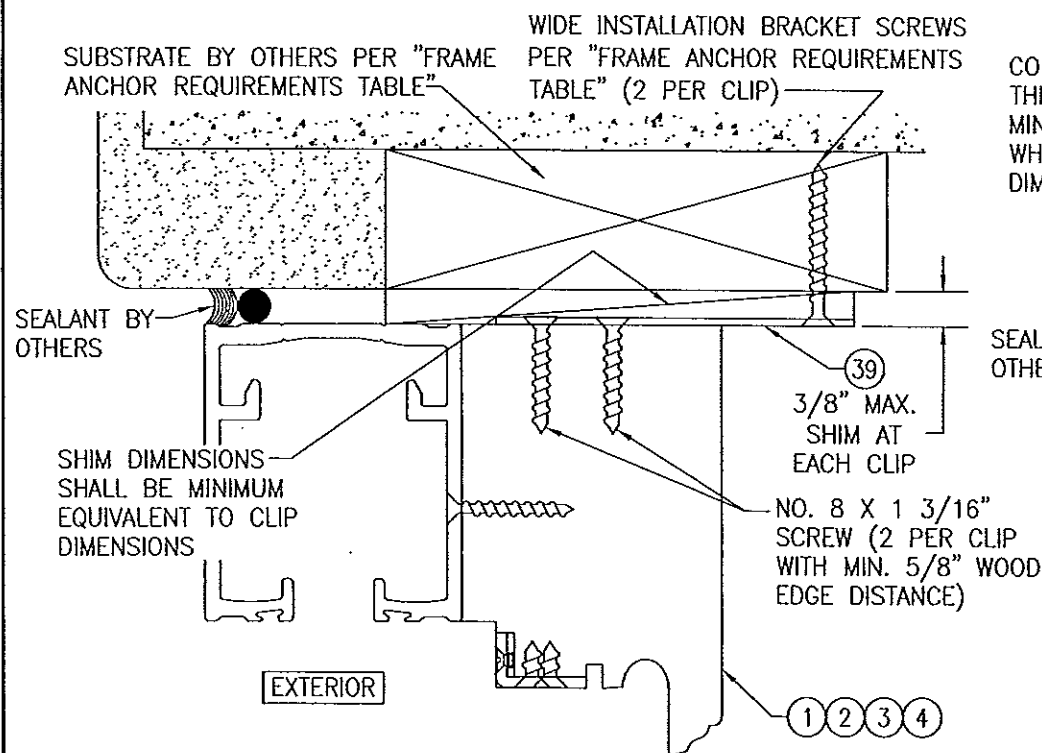
DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 08/03/13
DATE	BY
REVISION DESCRIPTION	NO.
WOOD IMPACT OUT-SWING BI-FOLD DOORS	
MANUFACTURER	PEETZ WINDOWS & DOORS
CONSULTANTS	15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424
OCT 21 2013	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1680	REV.
SHEET NO. 14 OF 19	



#### OPTIONAL ANGLE CLIP MOUNT DETAIL

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

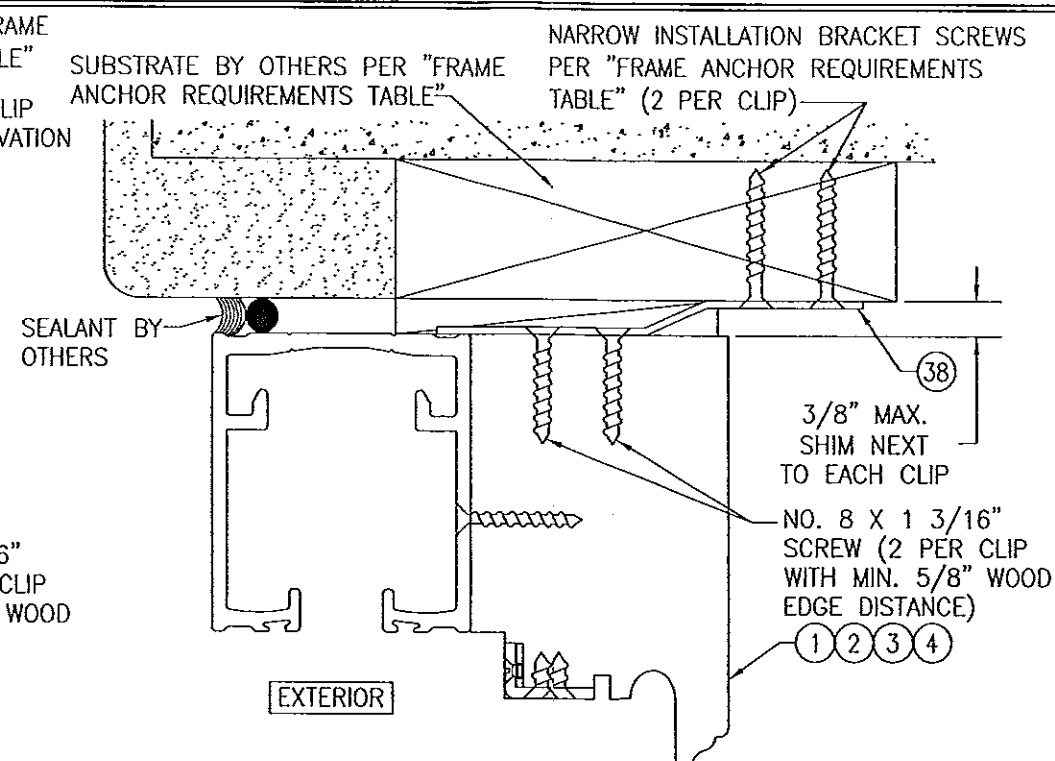
NOTE: ANGLE CLIP IS SHOWN AT THE INTERIOR OF THE SUBSTRATE. IT MAY BE PLACED AT THE EXTERIOR



#### OPTIONAL WIDE INSTALLATION BRACKET MOUNT DETAIL

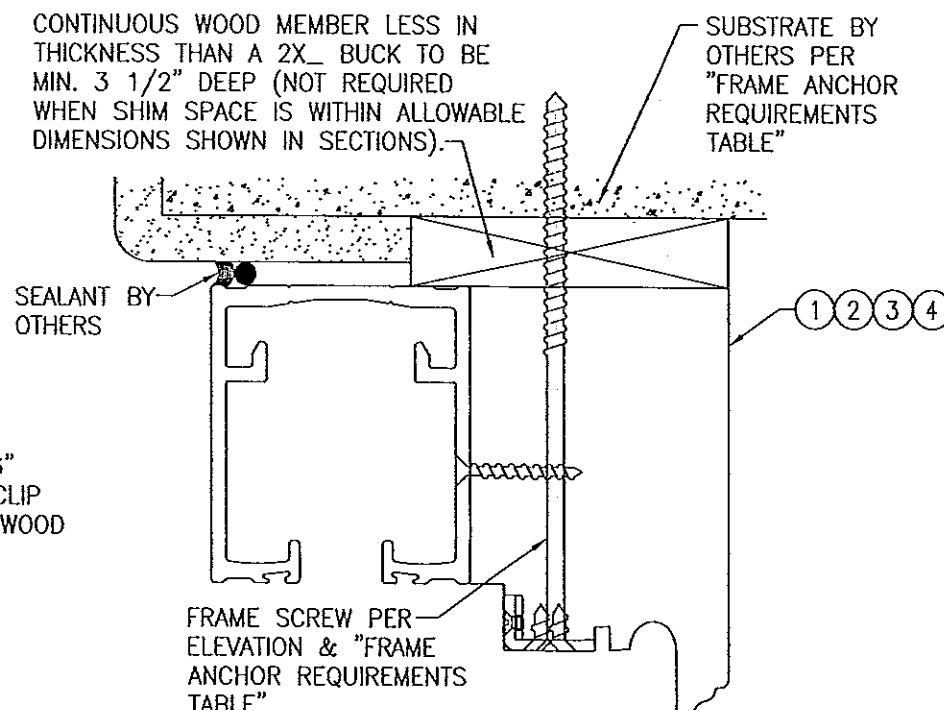
(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

NOTE: BRACKET IS SHOWN PROJECTED TO THE INTERIOR.  
IT MAY ALSO BE PROJECTED TO THE EXTERIOR.



#### OPTIONAL NARROW INSTALLATION BRACKET MOUNT DETAIL

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



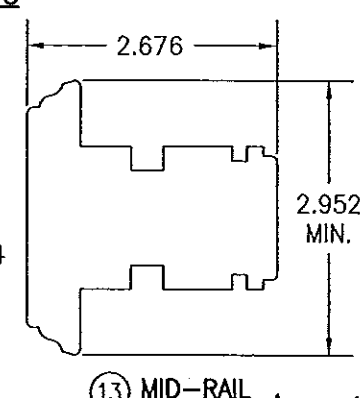
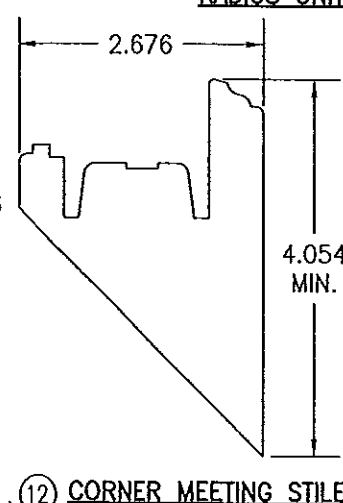
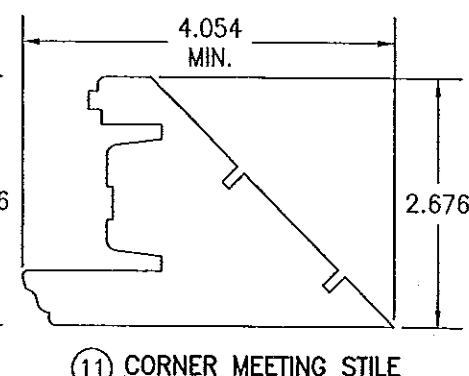
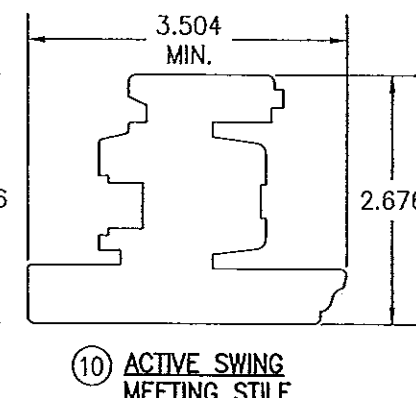
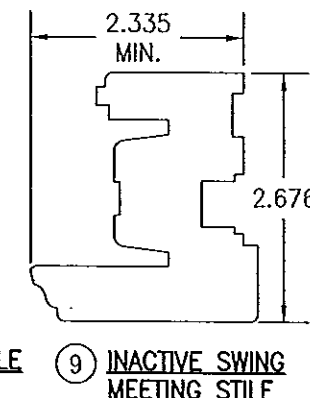
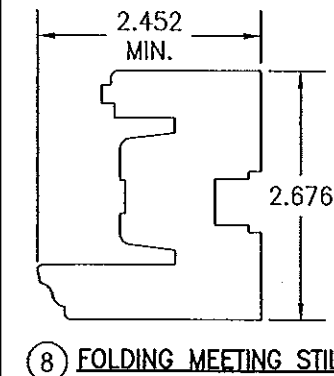
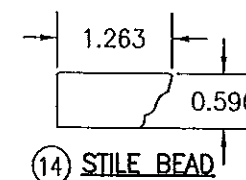
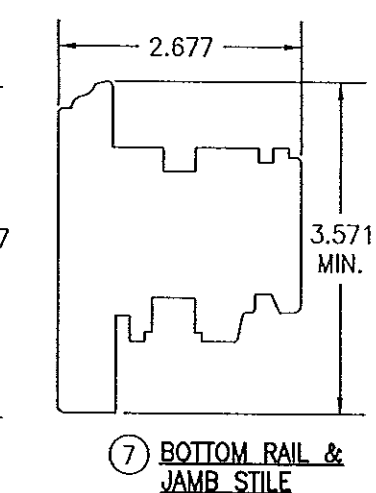
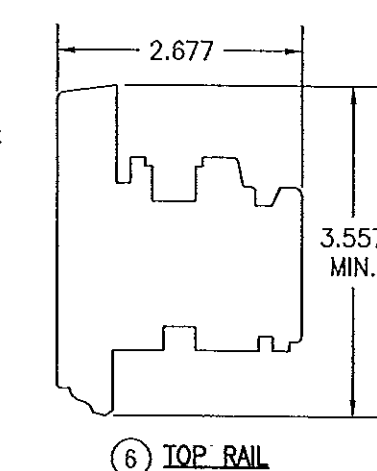
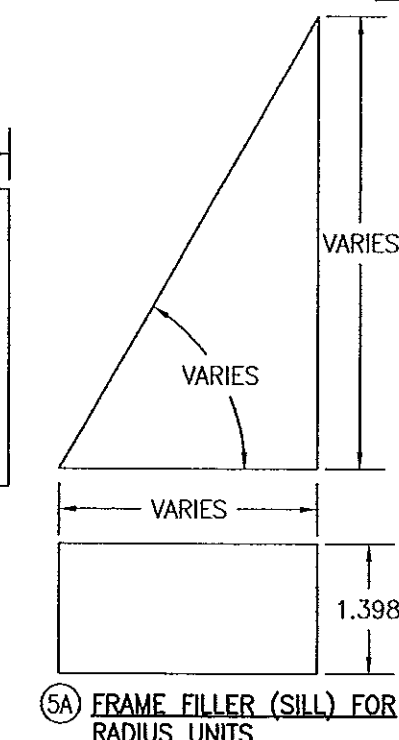
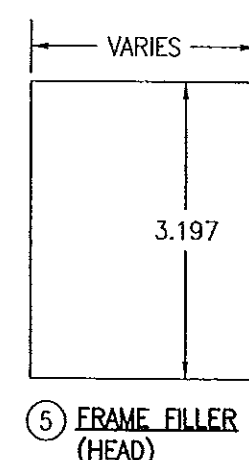
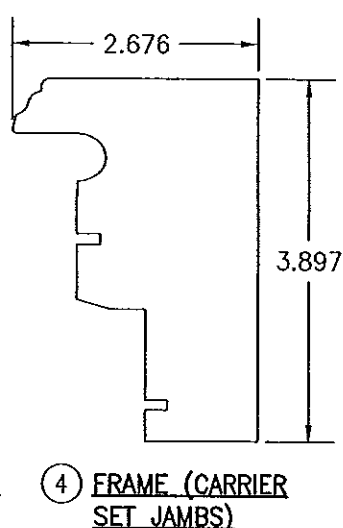
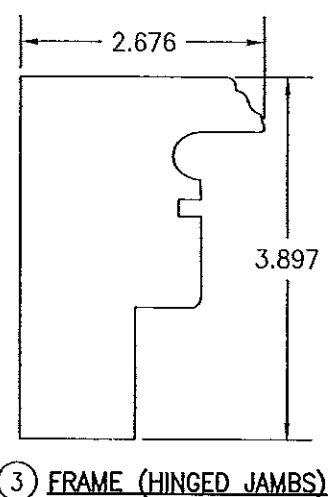
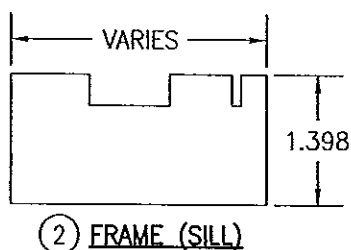
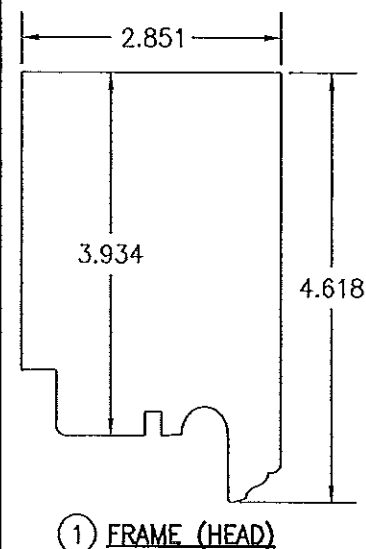
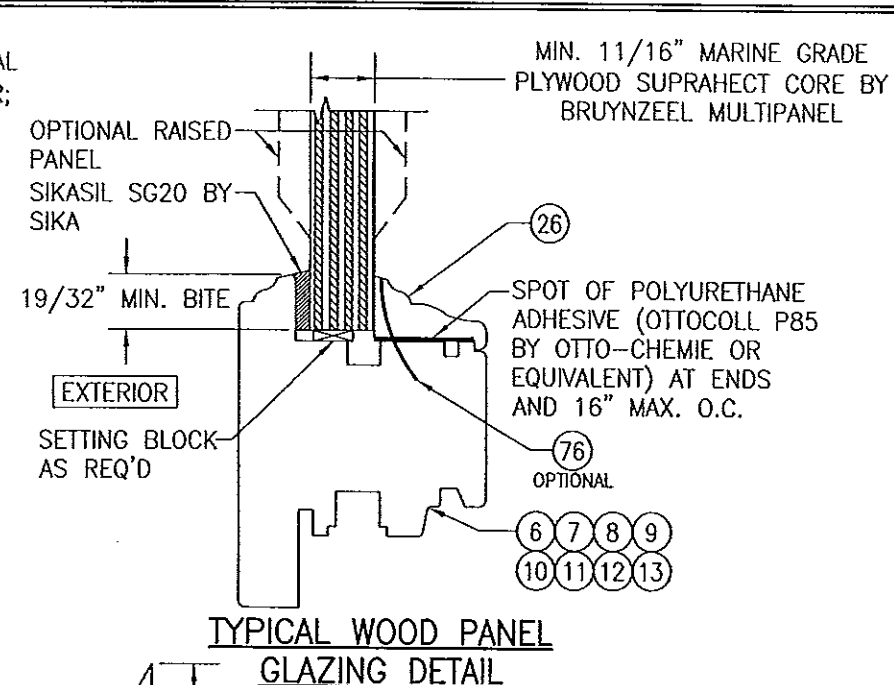
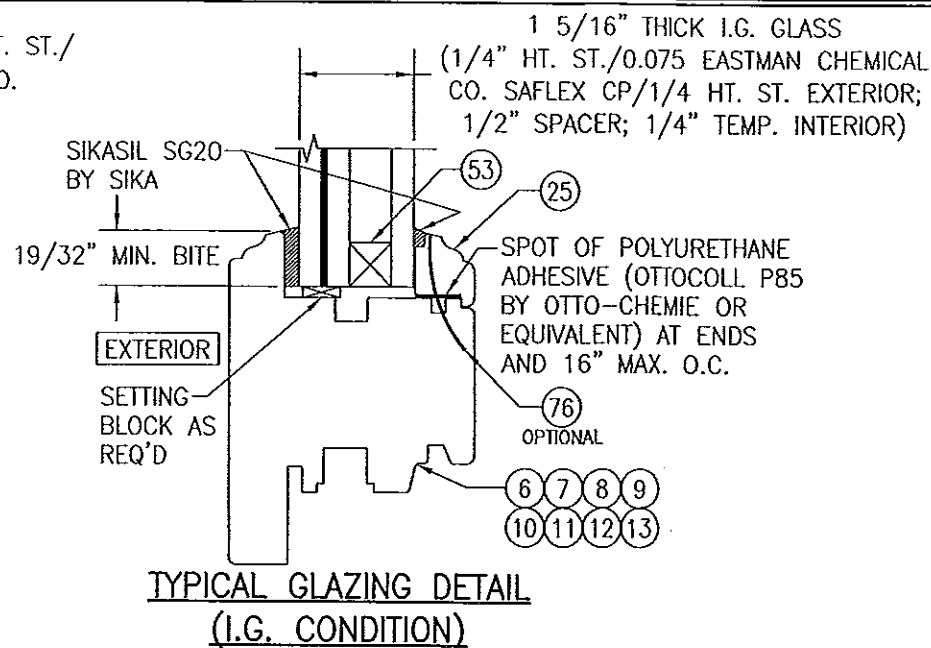
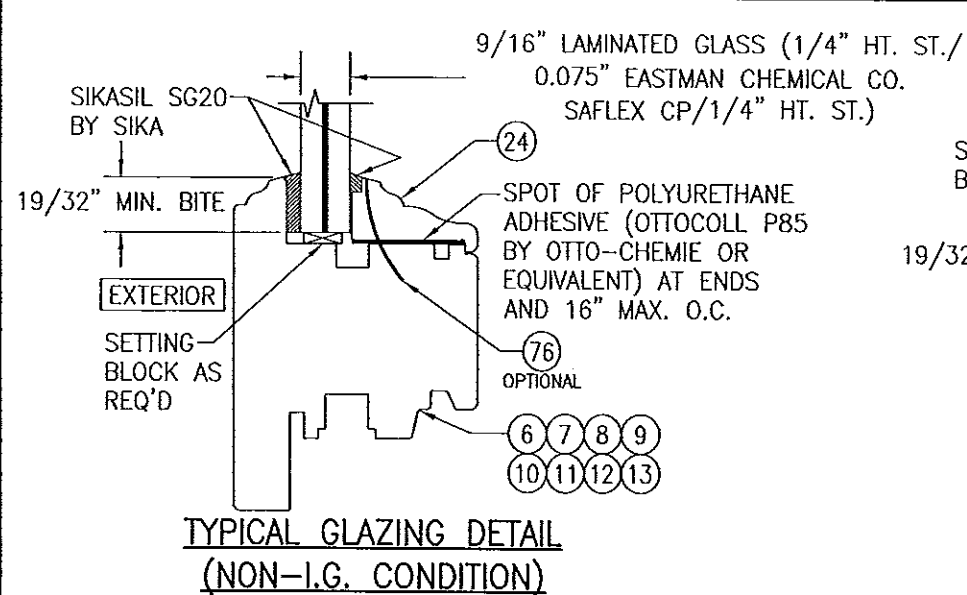
#### OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

(HEAD SECTION SHOWN; SILL & SIDES ARE  
INSTALLED THE SAME)  
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

Approved as complying with the  
Florida Building Code  
Date 12/21/2013  
NOAH  
Miami Data Product Control

By [Signature]

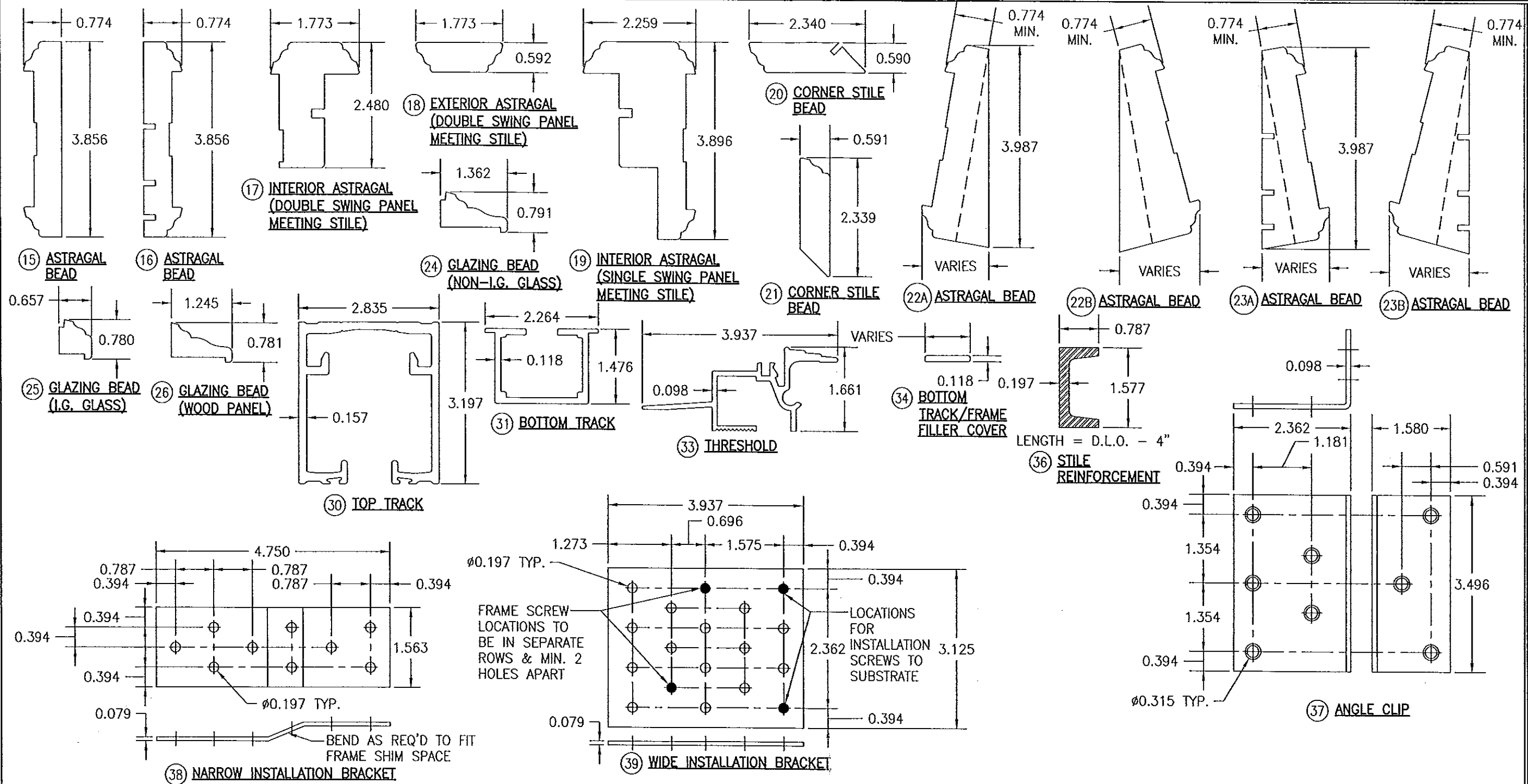
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 08/03/13	
DATE	BY	REVISION	DESCRIPTION
DRAWING TITLE: WOOD IMPACT OUT-SWING BI-FOLD DOORS			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION			
OCT 21 2013			
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1680		REV.	
SHEET NO. 15		OF 19	



Approved as complying with the  
Florida Building Code  
Date 11/21/2013  
NOA# 13-0717.09  
Miami Dade Product Control  
By [Signature]



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 06/03/13
NO.	DATE
BY	BY
REVISION DESCRIPTION	
<b>WOOD IMPACT OUT-SWING BI-FOLD DOORS</b> MANUFACTURER <b>PEETZ WINDOWS &amp; DOORS</b> 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A. (CA 6809)</b> 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
<b>CERTIFICATION</b> OCT 21 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. <b>1680</b>	REV.
SHEET NO. <b>16 OF 19</b>	



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 06/03/13
NO.	REVISION DESCRIPTION
DATE	BY
WOOD IMPACT OUT-SWING BI-FOLD DOORS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE 561-744-3424	
DATE OCT 21 2013	REV. P.E. NO. 44135
DRAWING NO. 1680	SHEET NO. 17 OF 19

Approved as complying with the  
Florida Building Code  
Date 11/21/2013  
NOAH 13-0717-089  
Miami Dade Product Control  
By [Signature]





ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	FRAME (HEAD)	WOOD
2	FRAME (SILL)	WOOD
3	FRAME (HINGED JAMBS)	WOOD
4	FRAME (CARRIER SET JAMBS)	WOOD
5	FRAME FILLER (HEAD)	WOOD
5A	FRAME FILLER (SILL) FOR RADIUS UNITS	WOOD
6	TOP RAIL	WOOD
7	BOTTOM RAIL & JAMB STILE	WOOD
8	FOLDING MEETING STILE	WOOD
9	INACTIVE SWING MEETING STILE	WOOD
10	ACTIVE SWING MEETING STILE	WOOD
11	CORNER MEETING STILE	WOOD
12	CORNER MEETING STILE	WOOD
13	MID-RAIL	WOOD
14	STILE BEAD	WOOD
15	ASTRAGAL BEAD	WOOD
16	ASTRAGAL BEAD	WOOD
17	INTERIOR ASTRAGAL (DOUBLE SWING PANEL MEETING STILE)	WOOD
18	EXTERIOR ASTRAGAL (DOUBLE SWING PANEL MEETING STILE)	WOOD
19	INTERIOR ASTRAGAL (SINGLE SWING PANEL MEETING STILE)	WOOD
20	CORNER STILE BEAD	WOOD
21	CORNER STILE BEAD	WOOD
22A	ASTRAGAL BEAD	WOOD
22B	ASTRAGAL BEAD	WOOD
23A	ASTRAGAL BEAD	WOOD
23B	ASTRAGAL BEAD	WOOD
24	GLAZING BEAD (NON-I.G. GLASS)	WOOD
25	GLAZING BEAD (I.G. GLASS)	WOOD
26	GLAZING BEAD (WOOD PANEL)	WOOD
30	TOP TRACK	6063-T5 ALUMINUM
31	BOTTOM TRACK	6063-T5 ALUMINUM
33	THRESHOLD	BRONZE OR 6063-T5 ALUMINUM
34	BOTTOM TRACK/FRAME FILLER COVER	BRONZE OR 6063-T5 ALUMINUM
36	STILE REINFORCEMENT	GALVANIZED 34 KSI STEEL
37	ANGLE CLIP	GALVANIZED 34 KSI STEEL
38	NARROW INSTALLATION BRACKET	GALVANIZED 34 KSI STEEL
39	WIDE INSTALLATION BRACKET	GALVANIZED 34 KSI STEEL
41	ROLLER STILE END CLIP	304 S.S.
42	THRESHOLD CORNER KEY	304 S.S.

NOTE: WOOD USED IN TESTING WAS MAHOGANY WITH A SPECIFIC GRAVITY OF G = 0.46 AND A MODULUS OF ELASTICITY OF E = 1,500,000 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.46 AND MODULUS OF ELASTICITY OF 1,500,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PEETZ WINDOWS & DOORS TO SELECT.

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
HARDWARE		
43	5 POINT MULTI-POINT LOCK SYSTEM FOR ACTIVE SWING PANELS	KFV OR HOPPE (APPLICABLE LOCK STRIKES & LOCK/PANEL CORNER REINFORCEMENT BARS ARE BY PEETZ).
44	2 POINT MULTI-POINT LOCK SYSTEM FOR INACTIVE SWING AND FOLDING PANELS	KFV OR HOPPE (APPLICABLE LOCK STRIKES & LOCK/PANEL CORNER REINFORCEMENT BARS ARE BY PEETZ).
45	OFFSET CARRIER SET 3 3/8" X 6" (STANDARD PANELS)	CENTOR E40CSS S.S.
46	INTERMEDIATE CARRIER SET 3 3/8" X 6" (STANDARD PANELS)	CENTOR E41CSS S.S.
47	OFFSET CARRIER SET 5 5/8" X 6" (CORNER PANELS)	CENTOR E40CSS S.S. (HINGE LEAFS WIDENED BY PEETZ)
48	INTERMEDIATE CARRIER SET 5 5/8" X 6" (CORNER PANELS)	CENTOR E41CSS S.S. (HINGE LEAFS WIDENED BY PEETZ)
49	BUTT HINGES 3 3/8" X 6" (STANDARD PANELS)	CENTOR E41CSS S.S.
50	BUTT HINGES 5 5/8" X 6" (CORNER PANELS)	CENTOR E41CSS S.S. (HINGE LEAFS WIDENED BY PEETZ)
51	KNOB	(AS REQUIRED TO OPERATE LOCK)
52	HANDLE	(AS REQUIRED TO OPERATE LOCK)
53	I.G. SPACER	0.452" X 0.275" X 0.056" THICK S.S.
SEALS & SEALANTS		
56	COMPRESSION SEAL	SCHLEGEL QL3097 URETHANE FOAM
57	SEAL	GTG G-1.00452.00.010 EPDM
58	COMPRESSION SEAL	SCHLEGEL QL3062 URETHANE FOAM
59	COMPRESSION SEAL	SCHLEGEL QL3011 URETHANE FOAM
60	3/8" X 3/16" PRE-COMPRESSED TAPE	N/A
61	COMPRESSION SEAL	SCHLEGEL QL3097 URETHANE FOAM
FASTENERS		
63	NO. 8 X 1 3/8" WOOD SCREW	WITHIN 3" FROM CORNERS & 6" MAX. O.C.
64	3/16" X 1 1/2" SELF TAPPING SCREW	WITHIN 5" FROM CORNERS & 15" MAX. O.C.
66	NO. 8 X 1 3/16" WOOD SCREW	5 PER HINGE INTO THE JAMB
67	NO. 8 X 5/8" WOOD SCREW	2 PER HINGE INTO THE STILE
68	NO. 8 X 2 3/16" WOOD SCREW	3 PER HINGE INTO THE STILE
69	NO. 8 X 1 3/8" WOOD SCREW	1 CENTERED BETWEEN EACH HINGE
70	NO. 8 X 1 3/8" WOOD SCREW	WITHIN 2" FROM ENDS & 14" MAX. O.C.
71	NO. 8 X 1 3/8" WOOD SCREW	14" FROM EACH TOP & BOTTOM CARRIER SET & 14" O.C.
72	NO. 8 X 2 3/16" WOOD SCREW	WITHIN 5 1/2" FROM ENDS & 14" MAX. O.C.
73	NO. 8 X 1 1/4" WOOD SCREW	3 PER HINGE INTO THE STILE
74	NO. 8 X 2" WOOD SCREW	WITHIN 2" FROM ENDS & 14" MAX. O.C.
75	NO. 8 X 2" WOOD SCREW	1 CENTERED BETWEEN EACH HINGE
76	18 GA. X 1 1/4" GALV. CURVED NAIL	WITHIN 10" OF CORNERS & 20" MAX. O.C.
77	NO. 8 X 2" WOOD SCREW	WITHIN 5 1/2" FROM ENDS & 14" MAX. O.C.
LOCK HARDWARE PARTS		
85	HEAD LOCKING HARDWARE STRIKE FASTENED WITH 4 NO. 12 X 2 3/8" WOOD SCREWS	STEEL
86	SILL LOCKING HARDWARE STRIKE FASTENED WITH 4 NO. 12 X 1/2" SMS SCREWS	STEEL
87	LOCK STILE LOCKING HARDWARE STRIKE FASTENED WITH 4 NO. 12 X 1 3/4" WOOD SCREWS	STEEL
88	LOCK STILE DEAD BOLT AND LATCH LOCKING HARDWARE STRIKE FASTENED WITH 4 NO. 10 X 1 3/4" WOOD SCREWS	STEEL
90	LOCKING GEAR REINFORCEMENT FASTENED WITH 4 NO. 12 X 1 9/16" WOOD SCREWS	STEEL

Approved as complying with the  
Florida Building Code  
Date 10/21/2013  
NOAH  
Miami Made Product Control  
By [Signature]

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PLOT: 1=2	DATE: 06/03/13
DATE	BY
REVISION	DESCRIPTION
NO.	
DRAWING TITLE WOOD IMPACT OUT-SWING BI-FOLD DOORS	
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	CERTIFICATION OCT 21 2013 WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1680	REV.
SHEET NO. 19	OF 19